**LAPORAN**

**“Implementasi SQL pada Kasus Kost Poetra Sultan”**

Diajukan untuk memenuhi salah satu praktikum Mata Kuliah Basis Data yang di ampu oleh:

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**PROGRAM STUDI INFORMATIKA**

**UNIVERSITAS AHMAD DAHLAN**

**FAKULTAS TEKNOLOGI INDUSTRI**

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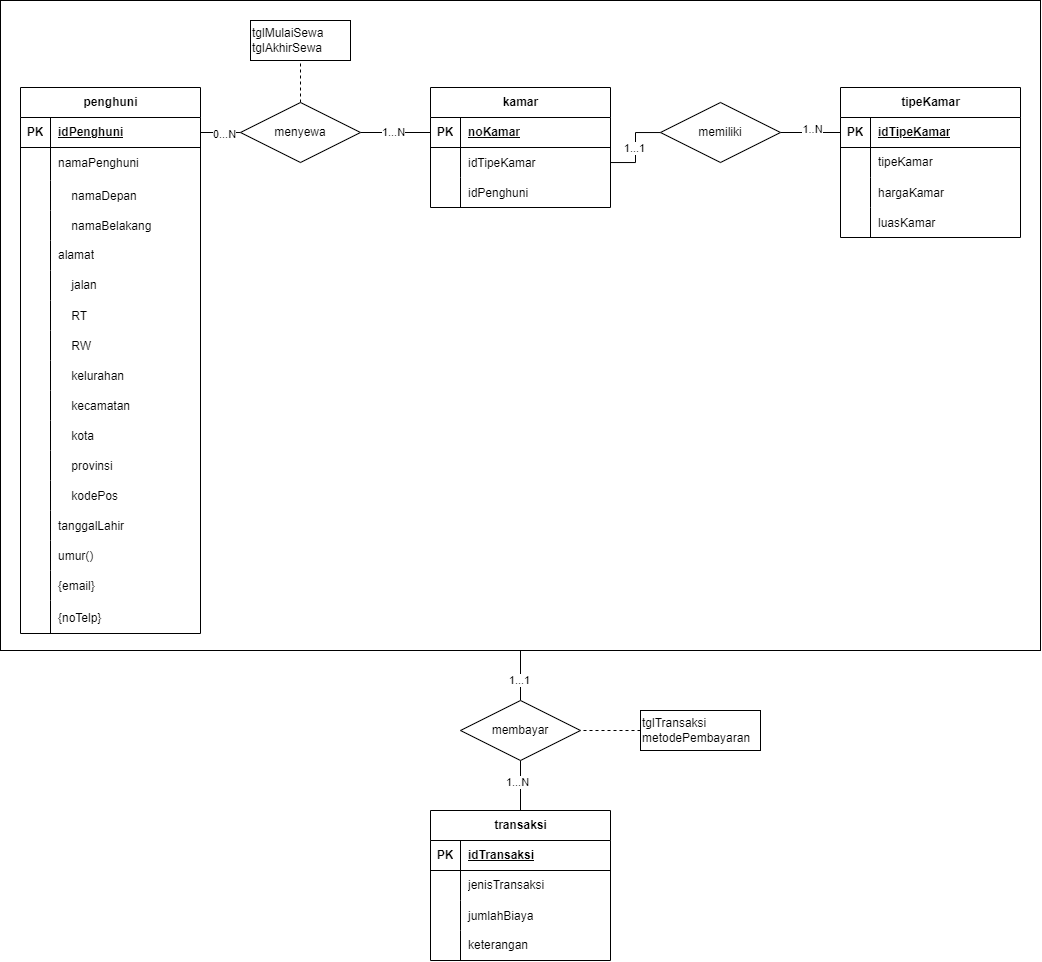
Proses bisnis pengelolaan rumah kost Poetra Sultan dimulai dengan penyebaran informasi mengenai ketersediaan unit kamar kepada calon penghuni. Calon penghuni akan melakukan pengecekan terhadap ketersediaan unit, dan menentukan tipe kamar yang diinginkan. Poetra Sultan menawarkan dua tipe kamar, yaitu standar tanpa kamar mandi dalam dan premium dengan fasilitas kamar mandi dalam.

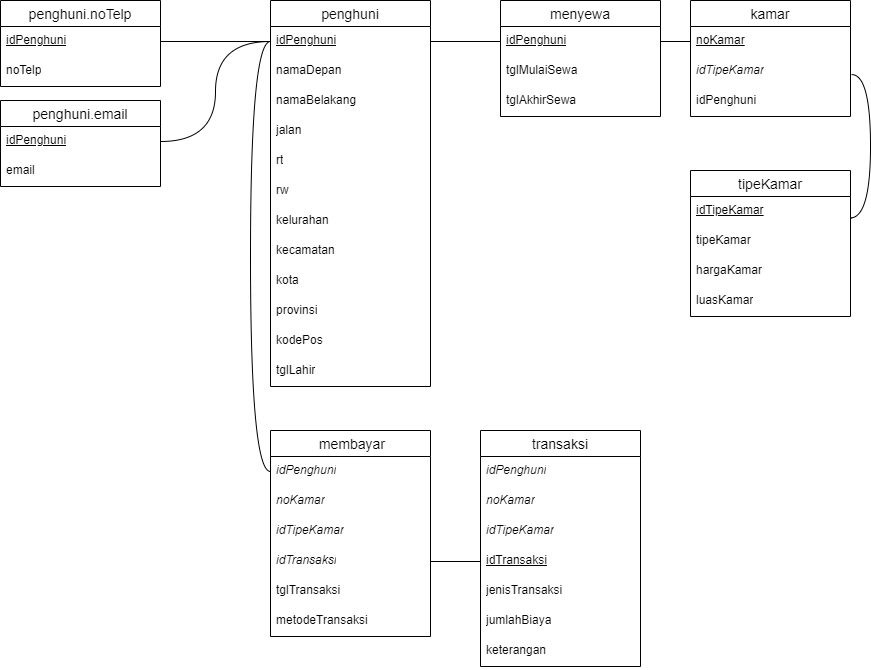
Setelah memutuskan untuk menyewa, calon penghuni akan menentukan durasi penyewaan minimal enam bulan atau satu semester akademik. Kemudian, mereka akan diperkenalkan dengan berbagai fasilitas yang disediakan oleh Poetra Sultan.

Selanjutnya, calon penghuni akan diminta untuk membuat akun di sistem manajemen rumah kost kami. Akun ini memungkinkan mereka untuk mengakses berbagai layanan seperti wifi, melihat durasi tinggal, melihat tagihan dan lainnya.

Penghuni diwajibkan membayar tagihan utilitas seperti listrik dan air tepat waktu. Jika terdapat ketidakpatuhan dalam pembayaran tagihan atau pelanggaran lainnya terhadap peraturan rumah kost, sanksi tertentu dapat diberikan hingga pemutusan kontrak penyewaan.

Proses bisnis ini berakhir ketika masa tinggal penghuni telah selesai dan proses check-out dilakukan.





**Tabel yang dihasilkan**

penghuni(idPenghuni,namaDepan, namaBelakang, jalan, RT, RW, kelurahan, kecamatan,kota,provinsi,kodePos,tanggalLahir)

penghuni.email(idPenghuni,email)

penghuni.noTelp(idPenghuni,noTelp)

menyewa(idPenghuni,tglMulaiSewa,tglAkhirSewa)

kamar(noKamar,*idTipeKamar*,idPenghuni)

tipeKamar(idTipeKamar,tipeKamar,hargaKamar,luasKamar)

membayar(*idPenghuni*,*noKamar*,*idTipeKamar*,*idTransaksi*,tglTransaksi,metodePembayaran)

transaksi(*idPenghuni*,*noKamar*,*idTipeKamar*,idTransaksi,jenisTransaksi,jumlahBiaya,tglPembayaran,keterangan)

Masuk ke dalam database

mysql -u root

|  |
| --- |
| ireddragonicy@NDIK-PC c:\xampp  # mysql -u root  Welcome to the MariaDB monitor. Commands end with ; or \g.  Your MariaDB connection id is 17  Server version: 10.4.32-MariaDB mariadb.org binary distribution  Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.  Type 'help;' or '\h' for help. Type '\c' to clear the current input statement. |

Jika sudah ada databasenya bisa menghapus

|  |
| --- |
| DROP DATABASE kostpoetrasultan; |

Output

|  |
| --- |
| MariaDB [(none)]> DROP DATABASE kostpoetrasultan;  Query OK, 8 rows affected (0.038 sec) |

membuat database dan menggunakan database tersebut

|  |
| --- |
| CREATE DATABASE kostpoetrasultan;  USE kostpoetrasultan |

|  |
| --- |
| MariaDB [(none)]> CREATE DATABASE kostpoetrasultan;  Query OK, 1 row affected (0.002 sec)  MariaDB [(none)]> USE kostpoetrasultan  Database changed |

Melihat apakah database sudah terbuat atau belum

|  |
| --- |
| MariaDB [kostpoetrasultan]> SHOW DATABASES;  +--------------------+  | Database |  +--------------------+  | information\_schema |  | kostpoetrasultan |  | mysql |  | performance\_schema |  | phpmyadmin |  | test |  +--------------------+  6 rows in set (0.001 sec) |

Menerapkan ke dalam MySQL

|  |
| --- |
| CREATE TABLE penghuni (  idPenghuni INT PRIMARY KEY AUTO\_INCREMENT,  namaDepan VARCHAR(255),  namaBelakang VARCHAR(255),  jalan VARCHAR(255),  RT INT,  RW INT,  kelurahan VARCHAR(255),  kecamatan VARCHAR(255),  kota VARCHAR(255),  provinsi VARCHAR(255),  kodePos INT,  tanggalLahir DATE  );  CREATE TABLE penghuni\_email (  idPenghuni INT,  email VARCHAR(255),  FOREIGN KEY (idPenghuni) REFERENCES penghuni(idPenghuni)  );  CREATE TABLE penghuni\_noTelp (  idPenghuni INT,  noTelp VARCHAR(255),  FOREIGN KEY (idPenghuni) REFERENCES penghuni(idPenghuni)  );  CREATE TABLE menyewa (  idPenghuni INT,  tglMulaiSewa DATE,  tglAkhirSewa DATE,  FOREIGN KEY (idPenghuni) REFERENCES penghuni(idPenghuni)  );  CREATE TABLE tipeKamar (  idTipeKamar INT PRIMARY KEY AUTO\_INCREMENT,  tipeKamar VARCHAR(255),  hargaKamar DECIMAL(10,2),  luasKamar DECIMAL(10,2)  );  CREATE TABLE kamar (  noKamar INT PRIMARY KEY AUTO\_INCREMENT,  idTipeKamar INT,  idPenghuni INT,  FOREIGN KEY (idTipeKamar) REFERENCES tipeKamar(idTipeKamar),  FOREIGN KEY (idPenghuni) REFERENCES penghuni(idPenghuni)  );  CREATE TABLE transaksi (  idPenghuni INT,  noKamar INT,  idTipeKamar INT,  idTransaksi INT PRIMARY KEY AUTO\_INCREMENT,  jenisTransaksi ENUM('sewa kamar', 'air', 'listrik', 'denda'),  jumlahBiaya DECIMAL(10,2),  keterangan VARCHAR(255),  FOREIGN KEY (idPenghuni) REFERENCES penghuni(idPenghuni),  FOREIGN KEY (noKamar) REFERENCES kamar(noKamar),  FOREIGN KEY (idTipeKamar) REFERENCES tipeKamar(idTipeKamar)  );  CREATE TABLE membayar (  idPenghuni INT,  noKamar INT,  idTipeKamar INT,  idTransaksi INT PRIMARY KEY AUTO\_INCREMENT,  tglTransaksi DATE,  metodePembayaran ENUM('tunai', 'non-tunai'),  FOREIGN KEY (idPenghuni) REFERENCES penghuni(idPenghuni),  FOREIGN KEY (noKamar) REFERENCES kamar(noKamar),  FOREIGN KEY (idTipeKamar) REFERENCES tipeKamar(idTipeKamar),  FOREIGN KEY (idTransaksi) REFERENCES transaksi(idTransaksi)  ); |

output

|  |
| --- |
| MariaDB [kostpoetrasultan]> CREATE TABLE penghuni (  -> idPenghuni INT PRIMARY KEY AUTO\_INCREMENT,  -> namaDepan VARCHAR(255),  -> namaBelakang VARCHAR(255),  -> jalan VARCHAR(255),  -> RT INT,  -> RW INT,  -> kelurahan VARCHAR(255),  -> kecamatan VARCHAR(255),  -> kota VARCHAR(255),  -> provinsi VARCHAR(255),  -> kodePos INT,  -> tanggalLahir DATE  -> );  Query OK, 0 rows affected (0.008 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> CREATE TABLE penghuni\_email (  -> idPenghuni INT,  -> email VARCHAR(255),  -> FOREIGN KEY (idPenghuni) REFERENCES penghuni(idPenghuni)  -> );  Query OK, 0 rows affected (0.004 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> CREATE TABLE penghuni\_noTelp (  -> idPenghuni INT,  -> noTelp VARCHAR(255),  -> FOREIGN KEY (idPenghuni) REFERENCES penghuni(idPenghuni)  -> );  Query OK, 0 rows affected (0.004 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> CREATE TABLE menyewa (  -> idPenghuni INT,  -> tglMulaiSewa DATE,  -> tglAkhirSewa DATE,  -> FOREIGN KEY (idPenghuni) REFERENCES penghuni(idPenghuni)  -> );  Query OK, 0 rows affected (0.004 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> CREATE TABLE tipeKamar (  -> idTipeKamar INT PRIMARY KEY AUTO\_INCREMENT,  -> tipeKamar VARCHAR(255),  -> hargaKamar DECIMAL(10,2),  -> luasKamar DECIMAL(10,2)  -> );  Query OK, 0 rows affected (0.004 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> CREATE TABLE kamar (  -> noKamar INT PRIMARY KEY AUTO\_INCREMENT,  -> idTipeKamar INT,  -> idPenghuni INT,  -> FOREIGN KEY (idTipeKamar) REFERENCES tipeKamar(idTipeKamar),  -> FOREIGN KEY (idPenghuni) REFERENCES penghuni(idPenghuni)  -> );  Query OK, 0 rows affected (0.005 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> CREATE TABLE transaksi (  -> idPenghuni INT,  -> noKamar INT,  -> idTipeKamar INT,  -> idTransaksi INT PRIMARY KEY AUTO\_INCREMENT,  -> jenisTransaksi ENUM('sewa kamar', 'air', 'listrik', 'denda'),  -> jumlahBiaya DECIMAL(10,2),  -> keterangan VARCHAR(255),  -> FOREIGN KEY (idPenghuni) REFERENCES penghuni(idPenghuni),  -> FOREIGN KEY (noKamar) REFERENCES kamar(noKamar),  -> FOREIGN KEY (idTipeKamar) REFERENCES tipeKamar(idTipeKamar)  -> );  Query OK, 0 rows affected (0.007 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> CREATE TABLE membayar (  -> idPenghuni INT,  -> noKamar INT,  -> idTipeKamar INT,  -> idTransaksi INT PRIMARY KEY AUTO\_INCREMENT,  -> tglTransaksi DATE,  -> metodePembayaran ENUM('tunai', 'non-tunai'),  -> FOREIGN KEY (idPenghuni) REFERENCES penghuni(idPenghuni),  -> FOREIGN KEY (noKamar) REFERENCES kamar(noKamar),  -> FOREIGN KEY (idTipeKamar) REFERENCES tipeKamar(idTipeKamar),  -> FOREIGN KEY (idTransaksi) REFERENCES transaksi(idTransaksi)  -> );  Query OK, 0 rows affected (0.006 sec) |

Melihat daftar tabel yang ada di database

|  |
| --- |
| SHOW TABLES; |

Output:

|  |
| --- |
| MariaDB [kostpoetrasultan]> SHOW TABLES;  +----------------------------+  | Tables\_in\_kostpoetrasultan |  +----------------------------+  | kamar |  | membayar |  | menyewa |  | penghuni |  | penghuni\_email |  | penghuni\_notelp |  | tipekamar |  | transaksi |  +----------------------------+  8 rows in set (0.000 sec) |

Perintah DESCRIBE dalam SQL digunakan untuk mendapatkan detail struktur tabel. Dalam hal ini, perintah DESCRIBE digunakan untuk mendapatkan detail struktur tabel 'kamar', 'membayar', 'menyewa', 'penghuni', 'penghuni\_email', 'penghuni\_notelp', 'tipekamar', dan 'transaksi'. Detail yang didapatkan meliputi nama kolom, tipe data, apakah kolom bisa bernilai NULL atau tidak, kunci (jika ada), nilai default (jika ada), dan ekstra (seperti AUTO\_INCREMENT).

|  |
| --- |
| DESCRIBE kamar;  DESCRIBE membayar;  DESCRIBE menyewa;  DESCRIBE penghuni;  DESCRIBE penghuni\_email;  DESCRIBE penghuni\_notelp;  DESCRIBE tipekamar;  DESCRIBE transaksi; |

Melihat seluruh isi atribut pada masing masing, untuk lebih mudah daripada menggunakan describe <nama\_tabel> dapat menggunakan fungsi berikut

|  |
| --- |
| DELIMITER $$  CREATE PROCEDURE DescribeAllTables()  BEGIN  DECLARE done INT DEFAULT FALSE;  DECLARE a CHAR(64);  DECLARE cur CURSOR FOR SELECT table\_name FROM information\_schema.tables WHERE table\_schema = 'kostpoetrasultan';  DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = TRUE;  OPEN cur;  read\_loop: LOOP  FETCH cur INTO a;  IF done THEN  LEAVE read\_loop;  END IF;  SET @s = CONCAT('DESCRIBE ', a);  PREPARE stmt FROM @s;  EXECUTE stmt;  END LOOP;  CLOSE cur;  END;  $$  DELIMITER ; |

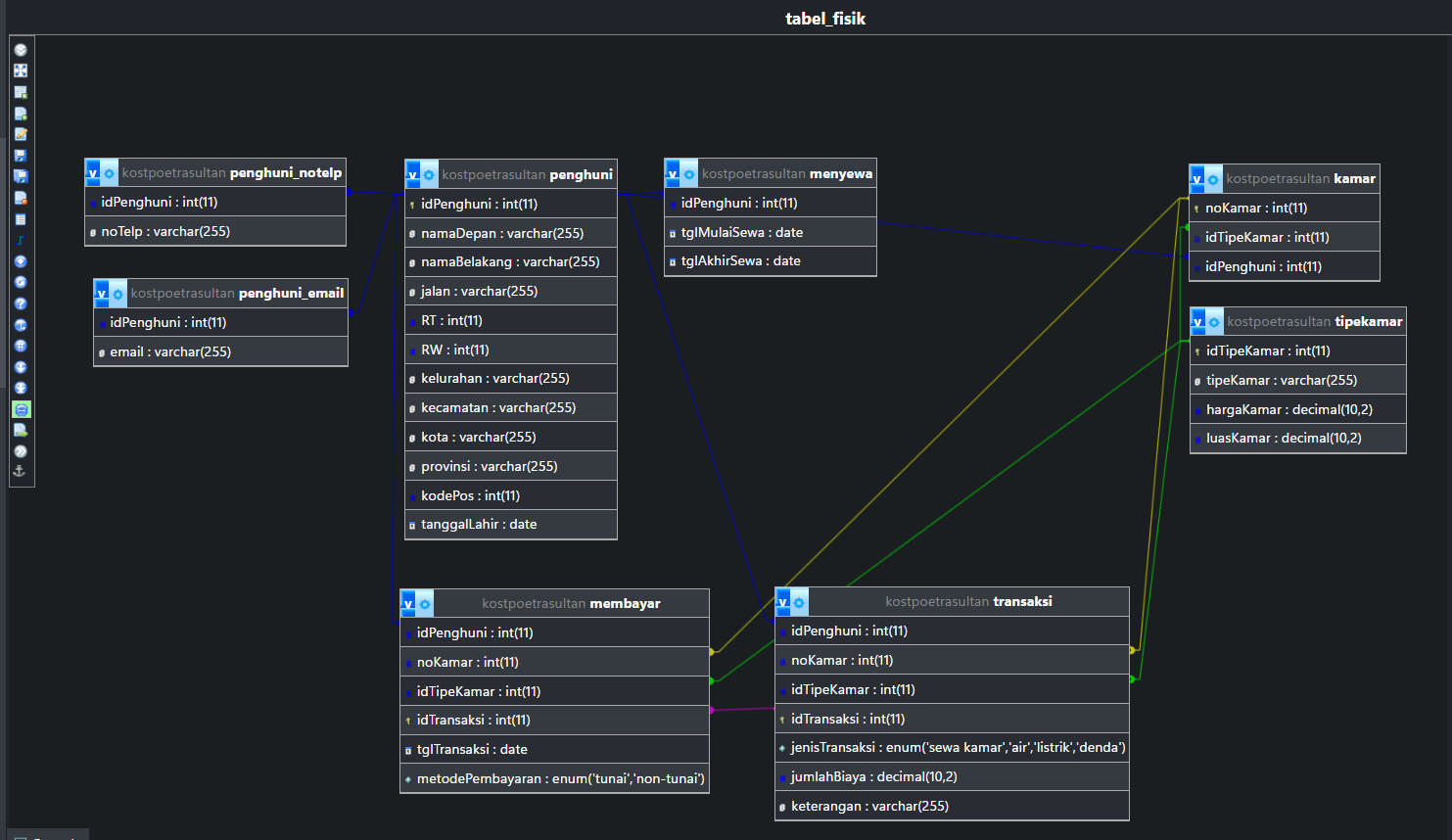
Untuk memanggilnya hanya

|  |
| --- |
| CALL DescribeAllTables(); |

Output:

|  |
| --- |
| MariaDB [kostpoetrasultan]> CALL DescribeAllTables();  +-------------+---------+------+-----+---------+----------------+  | Field | Type | Null | Key | Default | Extra |  +-------------+---------+------+-----+---------+----------------+  | noKamar | int(11) | NO | PRI | NULL | auto\_increment |  | idTipeKamar | int(11) | YES | MUL | NULL | |  | idPenghuni | int(11) | YES | MUL | NULL | |  +-------------+---------+------+-----+---------+----------------+  3 rows in set (0.006 sec)  +------------------+---------------------------+------+-----+---------+----------------+  | Field | Type | Null | Key | Default | Extra |  +------------------+---------------------------+------+-----+---------+----------------+  | idPenghuni | int(11) | YES | MUL | NULL | |  | noKamar | int(11) | YES | MUL | NULL | |  | idTipeKamar | int(11) | YES | MUL | NULL | |  | idTransaksi | int(11) | NO | PRI | NULL | auto\_increment |  | tglTransaksi | date | YES | | NULL | |  | metodePembayaran | enum('tunai','non-tunai') | YES | | NULL | |  +------------------+---------------------------+------+-----+---------+----------------+  6 rows in set (0.010 sec)  +--------------+---------+------+-----+---------+-------+  | Field | Type | Null | Key | Default | Extra |  +--------------+---------+------+-----+---------+-------+  | idPenghuni | int(11) | YES | MUL | NULL | |  | tglMulaiSewa | date | YES | | NULL | |  | tglAkhirSewa | date | YES | | NULL | |  +--------------+---------+------+-----+---------+-------+  3 rows in set (0.022 sec)  +--------------+--------------+------+-----+---------+----------------+  | Field | Type | Null | Key | Default | Extra |  +--------------+--------------+------+-----+---------+----------------+  | idPenghuni | int(11) | NO | PRI | NULL | auto\_increment |  | namaDepan | varchar(255) | YES | | NULL | |  | namaBelakang | varchar(255) | YES | | NULL | |  | jalan | varchar(255) | YES | | NULL | |  | RT | int(11) | YES | | NULL | |  | RW | int(11) | YES | | NULL | |  | kelurahan | varchar(255) | YES | | NULL | |  | kecamatan | varchar(255) | YES | | NULL | |  | kota | varchar(255) | YES | | NULL | |  | provinsi | varchar(255) | YES | | NULL | |  | kodePos | int(11) | YES | | NULL | |  | tanggalLahir | date | YES | | NULL | |  +--------------+--------------+------+-----+---------+----------------+  12 rows in set (0.027 sec)  +------------+--------------+------+-----+---------+-------+  | Field | Type | Null | Key | Default | Extra |  +------------+--------------+------+-----+---------+-------+  | idPenghuni | int(11) | YES | MUL | NULL | |  | email | varchar(255) | YES | | NULL | |  +------------+--------------+------+-----+---------+-------+  2 rows in set (0.046 sec)  +------------+--------------+------+-----+---------+-------+  | Field | Type | Null | Key | Default | Extra |  +------------+--------------+------+-----+---------+-------+  | idPenghuni | int(11) | YES | MUL | NULL | |  | noTelp | varchar(255) | YES | | NULL | |  +------------+--------------+------+-----+---------+-------+  2 rows in set (0.049 sec)  +-------------+---------------+------+-----+---------+----------------+  | Field | Type | Null | Key | Default | Extra |  +-------------+---------------+------+-----+---------+----------------+  | idTipeKamar | int(11) | NO | PRI | NULL | auto\_increment |  | tipeKamar | varchar(255) | YES | | NULL | |  | hargaKamar | decimal(10,2) | YES | | NULL | |  | luasKamar | decimal(10,2) | YES | | NULL | |  +-------------+---------------+------+-----+---------+----------------+  4 rows in set (0.052 sec)  +----------------+--------------------------------------------+------+-----+---------+----------------+  | Field | Type | Null | Key | Default | Extra |  +----------------+--------------------------------------------+------+-----+---------+----------------+  | idPenghuni | int(11) | YES | MUL | NULL | |  | noKamar | int(11) | YES | MUL | NULL | |  | idTipeKamar | int(11) | YES | MUL | NULL | |  | idTransaksi | int(11) | NO | PRI | NULL | auto\_increment |  | jenisTransaksi | enum('sewa kamar','air','listrik','denda') | YES | | NULL | |  | jumlahBiaya | decimal(10,2) | YES | | NULL | |  | keterangan | varchar(255) | YES | | NULL | |  +----------------+--------------------------------------------+------+-----+---------+----------------+  7 rows in set (0.059 sec)  Query OK, 0 rows affected (0.076 sec) |

Gambaran relasi tabel di PHPMYADMIN



Melakukan input data

|  |
| --- |
| -- Penghuni  INSERT INTO penghuni (namaDepan, namaBelakang, jalan, RT, RW, kelurahan, kecamatan, kota, provinsi, kodePos, tanggalLahir)  VALUES  ('Budi', 'Santoso', 'Jl. Melati 123', 6, 12, 'Cipedes', 'Bandung', 'Jawa Barat', 'Jawa Barat', 40135, '1995-08-20'),  ('Ahmad', 'Wibowo', 'Jl. Kencana 456', 10, 15, 'Demangan', 'Yogyakarta', 'Yogyakarta', 'DI Yogyakarta', 55241, '1993-03-12'),  ('Rudi', 'Susilo', 'Jl. Anggrek 789', 14, 18, 'Sukolilo', 'Surabaya', 'Jawa Timur', 'Jawa Timur', 60223, '1994-12-05'),  ('Dwi', 'Sulistyo', 'Jl. Dahlia 567', 8, 22, 'Tirto', 'Semarang', 'Jawa Tengah', 'Jawa Tengah', 50148, '1992-06-18'),  ('Eko', 'Prasetyo', 'Jl. Mawar 890', 7, 11, 'Ciwidey', 'Bandung', 'Jawa Barat', 'Jawa Barat', 40354, '1996-10-25'),  ('Hendra', 'Kusuma', 'Jl. Srikaya 123', 5, 17, 'Kasihan', 'Bantul', 'Yogyakarta', 'DI Yogyakarta', 55183, '1994-02-15'),  ('Indra', 'Setiawan', 'Jl. Flamboyan 456', 12, 16, 'Kenjeran', 'Surabaya', 'Jawa Timur', 'Jawa Timur', 60122, '1993-08-08'),  ('Ade', 'Wijaya', 'Jl. Anggrek 789', 9, 23, 'Genuk', 'Semarang', 'Jawa Tengah', 'Jawa Tengah', 50245, '1995-05-20'),  ('Bayu', 'Nugroho', 'Jl. Kencur 234', 11, 14, 'Kalasan', 'Sleman', 'Yogyakarta', 'DI Yogyakarta', 55571, '1992-12-12'),  ('Dicky', 'Saputra', 'Jl. Mawar 567', 13, 19, 'Mulyorejo', 'Surabaya', 'Jawa Timur', 'Jawa Timur', 60223, '1994-07-17'),  ('Fandi', 'Surya', 'Jl. Kamboja 890', 6, 20, 'Banyumanik', 'Semarang', 'Jawa Tengah', 'Jawa Tengah', 50192, '1996-04-05'),  ('Galih', 'Purnama', 'Jl. Raya 123', 8, 21, 'Cangkringan', 'Sleman', 'Yogyakarta', 'DI Yogyakarta', 55582, '1993-01-22');  -- Menyewa Kamar  INSERT INTO menyewa (idPenghuni, tglMulaiSewa, tglAkhirSewa)  VALUES  (1, '2022-01-01', '2023-01-01'),  (2, '2022-01-01', '2023-01-01'),  (3, '2022-01-01', '2023-01-01'),  (4, '2022-01-01', '2023-01-01'),  (5, '2022-01-01', '2023-01-01'),  (6, '2022-01-01', '2023-01-01'),  (7, '2022-01-01', '2023-01-01'),  (8, '2022-01-01', '2023-01-01'),  (9, '2022-01-01', '2023-01-01'),  (10, '2022-01-01', '2023-01-01'),  (11, '2022-01-01', '2023-01-01'),  (12, '2022-01-01', '2023-01-01');  -- Penghuni Email  INSERT INTO penghuni\_email (idPenghuni, email)  VALUES  (1, 'budi.santoso@gmail.com'),  (1, 'budi.santoso@yahoo.com'),  (1, 'budi.santoso@outlook.com'),  (2, 'ahmad.wibowo@gmail.com'),  (2, 'ahmad.wibowo@yahoo.com'),  (3, 'rudi.susilo@gmail.com'),  (3, 'rudi.susilo@yahoo.com'),  (3, 'rudi.susilo@outlook.com'),  (4, 'dwi.sulistyo@gmail.com'),  (4, 'dwi.sulistyo@yahoo.com'),  (5, 'eko.prasetyo@gmail.com'),  (5, 'eko.prasetyo@yahoo.com'),  (5, 'eko.prasetyo@outlook.com'),  (6, 'hendra.kusuma@gmail.com'),  (6, 'hendra.kusuma@yahoo.com'),  (7, 'indra.setiawan@gmail.com'),  (8, 'ade.wijaya@gmail.com'),  (9, 'bayu.nugroho@gmail.com'),  (9, 'bayu.nugroho@yahoo.com'),  (9, 'bayu.nugroho@outlook.com'),  (10, 'dicky.saputra@gmail.com'),  (11, 'fandi.surya@gmail.com'),  (12, 'galih.purnama@gmail.com');  -- Penghuni NoTelp  INSERT INTO penghuni\_noTelp (idPenghuni, noTelp)  VALUES  (1, '081234567890'),  (2, '081234567890'),  (2, '081112233445'),  (3, '081234567890'),  (4, '081112233445'),  (5, '081234567890'),  (5, '081112233445'),  (6, '081234567890'),  (7, '081112233445'),  (8, '081234567890'),  (9, '081112233445'),  (10, '081234567890'),  (10, '081112233445'),  (11, '081234567890'),  (11, '081112233445'),  (12, '081234567890'),  (12, '081112233445');  -- Tipe Kamar  INSERT INTO tipeKamar (tipeKamar, hargaKamar, luasKamar)  VALUES  ('Tanpa Kamar Mandi', 800000.00, 12.5),  ('Dengan Kamar Mandi', 1200000.00, 15.0);  -- Kamar  INSERT INTO kamar (idTipeKamar, idPenghuni) VALUES  (1,1),(1,2),(1,3),(1,4),(2,5),(1,6),(1,7),(1,8),(2,9),(1,10),(2,11),(2,12);  -- Transaksi Januari  INSERT INTO transaksi (idPenghuni, noKamar, idTipeKamar, jenisTransaksi, jumlahBiaya, keterangan)  VALUES  (1, 1, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Januari'),  (1, 1, 1, 'listrik', 200000, 'Listrik bulan Januari'),  (1, 1, 1, 'air', 150000, 'Air bulan Januari'),  (2, 2, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Januari'),  (2, 2, 1, 'listrik', 250000, 'Listrik bulan Januari'),  (2, 2, 1, 'air', 180000, 'Air bulan Januari'),  (3, 3, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Januari'),  (3, 3, 1, 'listrik', 180000, 'Listrik bulan Januari'),  (3, 3, 1, 'air', 130000, 'Air bulan Januari'),  (4, 4, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Januari'),  (4, 4, 1, 'listrik', 220000, 'Listrik bulan Januari'),  (4, 4, 1, 'air', 160000, 'Air bulan Januari'),  (5, 5, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Januari'),  (5, 5, 2, 'listrik', 190000, 'Listrik bulan Januari'),  (5, 5, 2, 'air', 140000, 'Air bulan Januari'),  (6, 6, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Januari'),  (6, 6, 1, 'listrik', 240000, 'Listrik bulan Januari'),  (6, 6, 1, 'air', 170000, 'Air bulan Januari'),  (7, 7, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Januari'),  (7, 7, 1, 'listrik', 170000, 'Listrik bulan Januari'),  (7, 7, 1, 'air', 120000, 'Air bulan Januari'),  (8, 8, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Januari'),  (8, 8, 1, 'listrik', 210000, 'Listrik bulan Januari'),  (8, 8, 1, 'air', 150000, 'Air bulan Januari'),  (9, 9, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Januari'),  (9, 9, 2, 'listrik', 200000, 'Listrik bulan Januari'),  (9, 9, 2, 'air', 140000, 'Air bulan Januari'),  (10, 10, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Januari'),  (10, 10, 1, 'listrik', 250000, 'Listrik bulan Januari'),  (10, 10, 1, 'air', 180000, 'Air bulan Januari'),  (11, 11, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Januari'),  (11, 11, 2, 'listrik', 180000, 'Listrik bulan Januari'),  (11, 11, 2, 'air', 130000, 'Air bulan Januari'),  (12, 12, 2, 'sewa kamar', 1200000, 'Sewa kamar bulan Januari'),  (12, 12, 2, 'listrik', 220000, 'Listrik bulan Januari'),  (12, 12, 2, 'air', 160000, 'Air bulan Januari');  -- Transaksi Februari  INSERT INTO transaksi (idPenghuni, noKamar, idTipeKamar, jenisTransaksi, jumlahBiaya, keterangan)  VALUES  (1, 1, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Februari'),  (1, 1, 1, 'listrik', 200000, 'Listrik bulan Februari'),  (1, 1, 1, 'air', 150000, 'Air bulan Februari'),  (2, 2, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Februari'),  (2, 2, 1, 'listrik', 250000, 'Listrik bulan Februari'),  (2, 2, 1, 'air', 180000, 'Air bulan Februari'),  (3, 3, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Februari'),  (3, 3, 1, 'listrik', 180000, 'Listrik bulan Februari'),  (3, 3, 1, 'air', 130000, 'Air bulan Februari'),  (4, 4, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Februari'),  (4, 4, 1, 'listrik', 220000, 'Listrik bulan Februari'),  (4, 4, 1, 'air', 160000, 'Air bulan Februari'),  (5, 5, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Februari'),  (5, 5, 2, 'listrik', 190000, 'Listrik bulan Februari'),  (5, 5, 2, 'air', 140000, 'Air bulan Februari'),  (6, 6, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Februari'),  (6, 6, 1, 'listrik', 240000, 'Listrik bulan Februari'),  (6, 6, 1, 'air', 170000, 'Air bulan Februari'),  (7, 7, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Februari'),  (7, 7, 1, 'listrik', 170000, 'Listrik bulan Februari'),  (7, 7, 1, 'air', 120000, 'Air bulan Februari'),  (8, 8, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Februari'),  (8, 8, 1, 'listrik', 210000, 'Listrik bulan Februari'),  (8, 8, 1, 'air', 150000, 'Air bulan Februari'),  (9, 9, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Februari'),  (9, 9, 2, 'listrik', 200000, 'Listrik bulan Februari'),  (9, 9, 2, 'air', 140000, 'Air bulan Februari'),  (10, 10, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Februari'),  (10, 10, 1, 'listrik', 250000, 'Listrik bulan Februari'),  (10, 10, 1, 'air', 180000, 'Air bulan Februari'),  (11, 11, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Februari'),  (11, 11, 2, 'listrik', 180000, 'Listrik bulan Februari'),  (11, 11, 2, 'air', 130000, 'Air bulan Februari'),  (12, 12, 2, 'sewa kamar', 1200000, 'Sewa kamar bulan Februari'),  (12, 12, 2, 'listrik', 220000, 'Listrik bulan Februari'),  (12, 12, 2, 'air', 160000, 'Air bulan Februari');  -- Transaksi Maret  INSERT INTO transaksi (idPenghuni, noKamar, idTipeKamar, jenisTransaksi, jumlahBiaya, keterangan)  VALUES  (1, 1, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Maret'),  (1, 1, 1, 'listrik', 200000, 'Listrik bulan Maret'),  (1, 1, 1, 'air', 150000, 'Air bulan Maret'),  (2, 2, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Maret'),  (2, 2, 1, 'listrik', 250000, 'Listrik bulan Maret'),  (2, 2, 1, 'air', 180000, 'Air bulan Maret'),  (3, 3, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Maret'),  (3, 3, 1, 'listrik', 180000, 'Listrik bulan Maret'),  (3, 3, 1, 'air', 130000, 'Air bulan Maret'),  (4, 4, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Maret'),  (4, 4, 1, 'listrik', 220000, 'Listrik bulan Maret'),  (4, 4, 1, 'air', 160000, 'Air bulan Maret'),  (5, 5, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Maret'),  (5, 5, 2, 'listrik', 190000, 'Listrik bulan Maret'),  (5, 5, 2, 'air', 140000, 'Air bulan Maret'),  (6, 6, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Maret'),  (6, 6, 1, 'listrik', 240000, 'Listrik bulan Maret'),  (6, 6, 1, 'air', 170000, 'Air bulan Maret'),  (7, 7, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Maret'),  (7, 7, 1, 'listrik', 170000, 'Listrik bulan Maret'),  (7, 7, 1, 'air', 120000, 'Air bulan Maret'),  (8, 8, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Maret'),  (8, 8, 1, 'listrik', 210000, 'Listrik bulan Maret'),  (8, 8, 1, 'air', 150000, 'Air bulan Maret'),  (9, 9, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Maret'),  (9, 9, 2, 'listrik', 200000, 'Listrik bulan Maret'),  (9, 9, 2, 'air', 140000, 'Air bulan Maret'),  (10, 10, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Maret'),  (10, 10, 1, 'listrik', 250000, 'Listrik bulan Maret'),  (10, 10, 1, 'air', 180000, 'Air bulan Maret'),  (11, 11, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Maret'),  (11, 11, 2, 'listrik', 180000, 'Listrik bulan Maret'),  (11, 11, 2, 'air', 130000, 'Air bulan Maret'),  (12, 12, 2, 'sewa kamar', 1200000, 'Sewa kamar bulan Maret'),  (12, 12, 2, 'listrik', 220000, 'Listrik bulan Maret'),  (12, 12, 2, 'air', 160000, 'Air bulan Maret'),  (1, 1, 1, 'denda', 50000, 'Keterlambatan pembayaran sewa kamar bulan Maret'),  (4, 4, 1, 'denda', 60000, 'Keterlambatan pembayaran sewa kamar bulan Maret');  --membayar Januari  INSERT INTO membayar (idPenghuni, noKamar, idTipeKamar, idTransaksi, tglTransaksi, metodePembayaran)  VALUES  (1, 1, 1, 1, '2023-01-01', 'tunai'),  (1, 1, 1, 2, '2023-01-05', 'non-tunai'),  (1, 1, 1, 3, '2023-01-10', 'non-tunai'),  (2, 2, 1, 4, '2023-01-01', 'tunai'),  (2, 2, 1, 5, '2023-01-07', 'tunai'),  (2, 2, 1, 6, '2023-01-12', 'non-tunai'),  (3, 3, 1, 7, '2023-01-01', 'non-tunai'),  (3, 3, 1, 8, '2023-01-06', 'tunai'),  (3, 3, 1, 9, '2023-01-11', 'non-tunai'),  (4, 4, 2, 10, '2023-01-01', 'tunai'),  (4, 4, 2, 11, '2023-01-08', 'non-tunai'),  (4, 4, 2, 12, '2023-01-13', 'tunai'),  (5, 5, 1, 13, '2023-01-01', 'non-tunai'),  (5, 5, 1, 14, '2023-01-09', 'tunai'),  (5, 5, 1, 15, '2023-01-14', 'tunai'),  (6, 6, 2, 16, '2023-01-01', 'non-tunai'),  (6, 6, 2, 17, '2023-01-10', 'non-tunai'),  (6, 6, 2, 18, '2023-01-15', 'tunai'),  (7, 7, 1, 19, '2023-01-01', 'non-tunai'),  (7, 7, 1, 20, '2023-01-11', 'tunai'),  (7, 7, 1, 21, '2023-01-16', 'tunai'),  (8, 8, 1, 22, '2023-01-01', 'non-tunai'),  (8, 8, 1, 23, '2023-01-12', 'non-tunai'),  (8, 8, 1, 24, '2023-01-17', 'tunai'),  (9, 9, 2, 25, '2023-01-01', 'non-tunai'),  (9, 9, 2, 26, '2023-01-13', 'non-tunai'),  (9, 9, 2, 27, '2023-01-18', 'tunai'),  (10, 10, 1, 28, '2023-01-01', 'tunai'),  (10, 10, 1, 29, '2023-01-14', 'non-tunai'),  (10, 10, 1, 30, '2023-01-19', 'tunai'),  (11, 11, 2, 31, '2023-01-01', 'non-tunai'),  (11, 11, 2, 32, '2023-01-15', 'tunai'),  (11, 11, 2, 33, '2023-01-20', 'non-tunai'),  (12, 12, 2, 34, '2023-01-01', 'tunai'),  (12, 12, 2, 35, '2023-01-16', 'non-tunai'),  (12, 12, 2, 36, '2023-01-21', 'tunai');  -- membayar Februari  INSERT INTO membayar (idPenghuni, noKamar, idTipeKamar, idTransaksi, tglTransaksi, metodePembayaran)  VALUES  (1, 1, 1, 37, '2023-02-01', 'tunai'),  (1, 1, 1, 38, '2023-02-05', 'non-tunai'),  (1, 1, 1, 39, '2023-02-10', 'non-tunai'),  (2, 2, 1, 40, '2023-02-01', 'tunai'),  (2, 2, 1, 41, '2023-02-07', 'tunai'),  (2, 2, 1, 42, '2023-02-12', 'non-tunai'),  (3, 3, 1, 43, '2023-02-01', 'non-tunai'),  (3, 3, 1, 44, '2023-02-06', 'tunai'),  (3, 3, 1, 45, '2023-02-11', 'non-tunai'),  (4, 4, 2, 46, '2023-02-01', 'tunai'),  (4, 4, 2, 47, '2023-02-08', 'non-tunai'),  (4, 4, 2, 48, '2023-02-13', 'tunai'),  (5, 5, 1, 49, '2023-02-01', 'non-tunai'),  (5, 5, 1, 50, '2023-02-09', 'tunai'),  (5, 5, 1, 51, '2023-02-14', 'tunai'),  (6, 6, 2, 52, '2023-02-01', 'non-tunai'),  (6, 6, 2, 53, '2023-02-10', 'non-tunai'),  (6, 6, 2, 54, '2023-02-15', 'tunai'),  (7, 7, 1, 55, '2023-02-01', 'non-tunai'),  (7, 7, 1, 56, '2023-02-11', 'tunai'),  (7, 7, 1, 57, '2023-02-16', 'tunai'),  (8, 8, 1, 58, '2023-02-01', 'non-tunai'),  (8, 8, 1, 59, '2023-02-12', 'non-tunai'),  (8, 8, 1, 60, '2023-02-17', 'tunai'),  (9, 9, 2, 61, '2023-02-01', 'non-tunai'),  (9, 9, 2, 62, '2023-02-13', 'non-tunai'),  (9, 9, 2, 63, '2023-02-18', 'tunai'),  (10, 10, 1, 64, '2023-02-01', 'tunai'),  (10, 10, 1, 65, '2023-02-14', 'non-tunai'),  (10, 10, 1, 66, '2023-02-19', 'tunai'),  (11, 11, 2, 67, '2023-02-01', 'non-tunai'),  (11, 11, 2, 68, '2023-02-15', 'tunai'),  (11, 11, 2, 69, '2023-02-20', 'non-tunai'),  (12, 12, 2, 70, '2023-02-01', 'tunai'),  (12, 12, 2, 71, '2023-02-16', 'non-tunai'),  (12, 12, 2, 72, '2023-02-21', 'tunai');    -- membayar Maret  INSERT INTO membayar (idPenghuni, noKamar, idTipeKamar, idTransaksi, tglTransaksi, metodePembayaran)  VALUES  (1, 1, 1, 73, '2023-03-01', 'tunai'),  (1, 1, 1, 74, '2023-03-05', 'non-tunai'),  (1, 1, 1, 75, '2023-03-10', 'non-tunai'),  (2, 2, 1, 76, '2023-03-01', 'tunai'),  (2, 2, 1, 77, '2023-03-07', 'tunai'),  (2, 2, 1, 78, '2023-03-12', 'non-tunai'),  (3, 3, 1, 79, '2023-03-01', 'non-tunai'),  (3, 3, 1, 80, '2023-03-06', 'tunai'),  (3, 3, 1, 81, '2023-03-11', 'non-tunai'),  (4, 4, 2, 82, '2023-03-01', 'tunai'),  (4, 4, 2, 83, '2023-03-08', 'non-tunai'),  (4, 4, 2, 84, '2023-03-13', 'tunai'),  (5, 5, 1, 85, '2023-03-01', 'non-tunai'),  (5, 5, 1, 86, '2023-03-09', 'tunai'),  (5, 5, 1, 87, '2023-03-14', 'tunai'),  (6, 6, 2, 88, '2023-03-01', 'non-tunai'),  (6, 6, 2, 89, '2023-03-10', 'non-tunai'),  (6, 6, 2, 90, '2023-03-15', 'tunai'),  (7, 7, 1, 91, '2023-03-01', 'non-tunai'),  (7, 7, 1, 92, '2023-03-11', 'tunai'),  (7, 7, 1, 93, '2023-03-16', 'tunai'),  (8, 8, 1, 94, '2023-03-01', 'non-tunai'),  (8, 8, 1, 95, '2023-03-12', 'non-tunai'),  (8, 8, 1, 96, '2023-03-17', 'tunai'),  (9, 9, 2, 97, '2023-03-01', 'non-tunai'),  (9, 9, 2, 98, '2023-03-13', 'non-tunai'),  (9, 9, 2, 99, '2023-03-18', 'tunai'),  (10, 10, 1, 100, '2023-03-01', 'tunai'),  (10, 10, 1, 101, '2023-03-14', 'non-tunai'),  (10, 10, 1, 102, '2023-03-19', 'tunai'),  (11, 11, 2, 103, '2023-03-01', 'non-tunai'),  (11, 11, 2, 104, '2023-03-15', 'tunai'),  (11, 11, 2, 105, '2023-03-20', 'non-tunai'),  (12, 12, 2, 106, '2023-03-01', 'tunai'),  (12, 12, 2, 107, '2023-03-16', 'non-tunai'),  (12, 12, 2, 108, '2023-03-21', 'tunai'),  (1, 1, 1, 109, '2023-03-25', 'tunai'),  (4, 4, 1, 110, '2023-03-26', 'tunai'); |

Output

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| --- |
| MariaDB [kostpoetrasultan]> -- Penghuni  MariaDB [kostpoetrasultan]> INSERT INTO penghuni (namaDepan, namaBelakang, jalan, RT, RW, kelurahan, kecamatan, kota, provinsi, kodePos, tanggalLahir)  -> VALUES  -> ('Budi', 'Santoso', 'Jl. Melati 123', 6, 12, 'Cipedes', 'Bandung', 'Jawa Barat', 'Jawa Barat', 40135, '1995-08-20'),  -> ('Ahmad', 'Wibowo', 'Jl. Kencana 456', 10, 15, 'Demangan', 'Yogyakarta', 'Yogyakarta', 'DI Yogyakarta', 55241, '1993-03-12'),  -> ('Rudi', 'Susilo', 'Jl. Anggrek 789', 14, 18, 'Sukolilo', 'Surabaya', 'Jawa Timur', 'Jawa Timur', 60223, '1994-12-05'),  -> ('Dwi', 'Sulistyo', 'Jl. Dahlia 567', 8, 22, 'Tirto', 'Semarang', 'Jawa Tengah', 'Jawa Tengah', 50148, '1992-06-18'),  -> ('Eko', 'Prasetyo', 'Jl. Mawar 890', 7, 11, 'Ciwidey', 'Bandung', 'Jawa Barat', 'Jawa Barat', 40354, '1996-10-25'),  -> ('Hendra', 'Kusuma', 'Jl. Srikaya 123', 5, 17, 'Kasihan', 'Bantul', 'Yogyakarta', 'DI Yogyakarta', 55183, '1994-02-15'),  -> ('Indra', 'Setiawan', 'Jl. Flamboyan 456', 12, 16, 'Kenjeran', 'Surabaya', 'Jawa Timur', 'Jawa Timur', 60122, '1993-08-08'),  -> ('Ade', 'Wijaya', 'Jl. Anggrek 789', 9, 23, 'Genuk', 'Semarang', 'Jawa Tengah', 'Jawa Tengah', 50245, '1995-05-20'),  -> ('Bayu', 'Nugroho', 'Jl. Kencur 234', 11, 14, 'Kalasan', 'Sleman', 'Yogyakarta', 'DI Yogyakarta', 55571, '1992-12-12'),  -> ('Dicky', 'Saputra', 'Jl. Mawar 567', 13, 19, 'Mulyorejo', 'Surabaya', 'Jawa Timur', 'Jawa Timur', 60223, '1994-07-17'),  -> ('Fandi', 'Surya', 'Jl. Kamboja 890', 6, 20, 'Banyumanik', 'Semarang', 'Jawa Tengah', 'Jawa Tengah', 50192, '1996-04-05'),  -> ('Galih', 'Purnama', 'Jl. Raya 123', 8, 21, 'Cangkringan', 'Sleman', 'Yogyakarta', 'DI Yogyakarta', 55582, '1993-01-22');  Query OK, 12 rows affected (0.003 sec)  Records: 12 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menyewa Kamar  MariaDB [kostpoetrasultan]> INSERT INTO menyewa (idPenghuni, tglMulaiSewa, tglAkhirSewa)  -> VALUES  -> (1, '2022-01-01', '2023-01-01'),  -> (2, '2022-01-01', '2023-01-01'),  -> (3, '2022-01-01', '2023-01-01'),  -> (4, '2022-01-01', '2023-01-01'),  -> (5, '2022-01-01', '2023-01-01'),  -> (6, '2022-01-01', '2023-01-01'),  -> (7, '2022-01-01', '2023-01-01'),  -> (8, '2022-01-01', '2023-01-01'),  -> (9, '2022-01-01', '2023-01-01'),  -> (10, '2022-01-01', '2023-01-01'),  -> (11, '2022-01-01', '2023-01-01'),  -> (12, '2022-01-01', '2023-01-01');  Query OK, 12 rows affected (0.001 sec)  Records: 12 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Penghuni Email  MariaDB [kostpoetrasultan]> INSERT INTO penghuni\_email (idPenghuni, email)  -> VALUES  -> (1, 'budi.santoso@gmail.com'),  -> (1, 'budi.santoso@yahoo.com'),  -> (1, 'budi.santoso@outlook.com'),  -> (2, 'ahmad.wibowo@gmail.com'),  -> (2, 'ahmad.wibowo@yahoo.com'),  -> (3, 'rudi.susilo@gmail.com'),  -> (3, 'rudi.susilo@yahoo.com'),  -> (3, 'rudi.susilo@outlook.com'),  -> (4, 'dwi.sulistyo@gmail.com'),  -> (4, 'dwi.sulistyo@yahoo.com'),  -> (5, 'eko.prasetyo@gmail.com'),  -> (5, 'eko.prasetyo@yahoo.com'),  -> (5, 'eko.prasetyo@outlook.com'),  -> (6, 'hendra.kusuma@gmail.com'),  -> (6, 'hendra.kusuma@yahoo.com'),  -> (7, 'indra.setiawan@gmail.com'),  -> (8, 'ade.wijaya@gmail.com'),  -> (9, 'bayu.nugroho@gmail.com'),  -> (9, 'bayu.nugroho@yahoo.com'),  -> (9, 'bayu.nugroho@outlook.com'),  -> (10, 'dicky.saputra@gmail.com'),  -> (11, 'fandi.surya@gmail.com'),  -> (12, 'galih.purnama@gmail.com');  Query OK, 23 rows affected (0.003 sec)  Records: 23 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Penghuni NoTelp  MariaDB [kostpoetrasultan]> INSERT INTO penghuni\_noTelp (idPenghuni, noTelp)  -> VALUES  -> (1, '081234567890'),  -> (2, '081234567890'),  -> (2, '081112233445'),  -> (3, '081234567890'),  -> (4, '081112233445'),  -> (5, '081234567890'),  -> (5, '081112233445'),  -> (6, '081234567890'),  -> (7, '081112233445'),  -> (8, '081234567890'),  -> (9, '081112233445'),  -> (10, '081234567890'),  -> (10, '081112233445'),  -> (11, '081234567890'),  -> (11, '081112233445'),  -> (12, '081234567890'),  -> (12, '081112233445');  Query OK, 17 rows affected (0.001 sec)  Records: 17 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Tipe Kamar  MariaDB [kostpoetrasultan]> INSERT INTO tipeKamar (tipeKamar, hargaKamar, luasKamar)  -> VALUES  -> ('Tanpa Kamar Mandi', 800000.00, 12.5),  -> ('Dengan Kamar Mandi', 1200000.00, 15.0);  Query OK, 2 rows affected (0.001 sec)  Records: 2 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Kamar  MariaDB [kostpoetrasultan]> INSERT INTO kamar (idTipeKamar, idPenghuni) VALUES  -> (1,1),(1,2),(1,3),(1,4),(2,5),(1,6),(1,7),(1,8),(2,9),(1,10),(2,11),(2,12);  Query OK, 12 rows affected (0.003 sec)  Records: 12 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Transaksi Januari  MariaDB [kostpoetrasultan]> INSERT INTO transaksi (idPenghuni, noKamar, idTipeKamar, jenisTransaksi, jumlahBiaya, keterangan)  -> VALUES  -> (1, 1, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Januari'),  -> (1, 1, 1, 'listrik', 200000, 'Listrik bulan Januari'),  -> (1, 1, 1, 'air', 150000, 'Air bulan Januari'),  -> (2, 2, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Januari'),  -> (2, 2, 1, 'listrik', 250000, 'Listrik bulan Januari'),  -> (2, 2, 1, 'air', 180000, 'Air bulan Januari'),  -> (3, 3, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Januari'),  -> (3, 3, 1, 'listrik', 180000, 'Listrik bulan Januari'),  -> (3, 3, 1, 'air', 130000, 'Air bulan Januari'),  -> (4, 4, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Januari'),  -> (4, 4, 1, 'listrik', 220000, 'Listrik bulan Januari'),  -> (4, 4, 1, 'air', 160000, 'Air bulan Januari'),  -> (5, 5, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Januari'),  -> (5, 5, 2, 'listrik', 190000, 'Listrik bulan Januari'),  -> (5, 5, 2, 'air', 140000, 'Air bulan Januari'),  -> (6, 6, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Januari'),  -> (6, 6, 1, 'listrik', 240000, 'Listrik bulan Januari'),  -> (6, 6, 1, 'air', 170000, 'Air bulan Januari'),  -> (7, 7, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Januari'),  -> (7, 7, 1, 'listrik', 170000, 'Listrik bulan Januari'),  -> (7, 7, 1, 'air', 120000, 'Air bulan Januari'),  -> (8, 8, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Januari'),  -> (8, 8, 1, 'listrik', 210000, 'Listrik bulan Januari'),  -> (8, 8, 1, 'air', 150000, 'Air bulan Januari'),  -> (9, 9, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Januari'),  -> (9, 9, 2, 'listrik', 200000, 'Listrik bulan Januari'),  -> (9, 9, 2, 'air', 140000, 'Air bulan Januari'),  -> (10, 10, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Januari'),  -> (10, 10, 1, 'listrik', 250000, 'Listrik bulan Januari'),  -> (10, 10, 1, 'air', 180000, 'Air bulan Januari'),  -> (11, 11, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Januari'),  -> (11, 11, 2, 'listrik', 180000, 'Listrik bulan Januari'),  -> (11, 11, 2, 'air', 130000, 'Air bulan Januari'),  -> (12, 12, 2, 'sewa kamar', 1200000, 'Sewa kamar bulan Januari'),  -> (12, 12, 2, 'listrik', 220000, 'Listrik bulan Januari'),  -> (12, 12, 2, 'air', 160000, 'Air bulan Januari');  Query OK, 36 rows affected (0.001 sec)  Records: 36 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Transaksi Februari  MariaDB [kostpoetrasultan]> INSERT INTO transaksi (idPenghuni, noKamar, idTipeKamar, jenisTransaksi, jumlahBiaya, keterangan)  -> VALUES  -> (1, 1, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Februari'),  -> (1, 1, 1, 'listrik', 200000, 'Listrik bulan Februari'),  -> (1, 1, 1, 'air', 150000, 'Air bulan Februari'),  -> (2, 2, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Februari'),  -> (2, 2, 1, 'listrik', 250000, 'Listrik bulan Februari'),  -> (2, 2, 1, 'air', 180000, 'Air bulan Februari'),  -> (3, 3, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Februari'),  -> (3, 3, 1, 'listrik', 180000, 'Listrik bulan Februari'),  -> (3, 3, 1, 'air', 130000, 'Air bulan Februari'),  -> (4, 4, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Februari'),  -> (4, 4, 1, 'listrik', 220000, 'Listrik bulan Februari'),  -> (4, 4, 1, 'air', 160000, 'Air bulan Februari'),  -> (5, 5, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Februari'),  -> (5, 5, 2, 'listrik', 190000, 'Listrik bulan Februari'),  -> (5, 5, 2, 'air', 140000, 'Air bulan Februari'),  -> (6, 6, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Februari'),  -> (6, 6, 1, 'listrik', 240000, 'Listrik bulan Februari'),  -> (6, 6, 1, 'air', 170000, 'Air bulan Februari'),  -> (7, 7, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Februari'),  -> (7, 7, 1, 'listrik', 170000, 'Listrik bulan Februari'),  -> (7, 7, 1, 'air', 120000, 'Air bulan Februari'),  -> (8, 8, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Februari'),  -> (8, 8, 1, 'listrik', 210000, 'Listrik bulan Februari'),  -> (8, 8, 1, 'air', 150000, 'Air bulan Februari'),  -> (9, 9, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Februari'),  -> (9, 9, 2, 'listrik', 200000, 'Listrik bulan Februari'),  -> (9, 9, 2, 'air', 140000, 'Air bulan Februari'),  -> (10, 10, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Februari'),  -> (10, 10, 1, 'listrik', 250000, 'Listrik bulan Februari'),  -> (10, 10, 1, 'air', 180000, 'Air bulan Februari'),  -> (11, 11, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Februari'),  -> (11, 11, 2, 'listrik', 180000, 'Listrik bulan Februari'),  -> (11, 11, 2, 'air', 130000, 'Air bulan Februari'),  -> (12, 12, 2, 'sewa kamar', 1200000, 'Sewa kamar bulan Februari'),  -> (12, 12, 2, 'listrik', 220000, 'Listrik bulan Februari'),  -> (12, 12, 2, 'air', 160000, 'Air bulan Februari');  Query OK, 36 rows affected (0.001 sec)  Records: 36 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Transaksi Maret  MariaDB [kostpoetrasultan]> INSERT INTO transaksi (idPenghuni, noKamar, idTipeKamar, jenisTransaksi, jumlahBiaya, keterangan)  -> VALUES  -> (1, 1, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Maret'),  -> (1, 1, 1, 'listrik', 200000, 'Listrik bulan Maret'),  -> (1, 1, 1, 'air', 150000, 'Air bulan Maret'),  -> (2, 2, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Maret'),  -> (2, 2, 1, 'listrik', 250000, 'Listrik bulan Maret'),  -> (2, 2, 1, 'air', 180000, 'Air bulan Maret'),  -> (3, 3, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Maret'),  -> (3, 3, 1, 'listrik', 180000, 'Listrik bulan Maret'),  -> (3, 3, 1, 'air', 130000, 'Air bulan Maret'),  -> (4, 4, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Maret'),  -> (4, 4, 1, 'listrik', 220000, 'Listrik bulan Maret'),  -> (4, 4, 1, 'air', 160000, 'Air bulan Maret'),  -> (5, 5, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Maret'),  -> (5, 5, 2, 'listrik', 190000, 'Listrik bulan Maret'),  -> (5, 5, 2, 'air', 140000, 'Air bulan Maret'),  -> (6, 6, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Maret'),  -> (6, 6, 1, 'listrik', 240000, 'Listrik bulan Maret'),  -> (6, 6, 1, 'air', 170000, 'Air bulan Maret'),  -> (7, 7, 1, 'sewa kamar', 800000, 'Sewa kamar bulan Maret'),  -> (7, 7, 1, 'listrik', 170000, 'Listrik bulan Maret'),  -> (7, 7, 1, 'air', 120000, 'Air bulan Maret'),  -> (8, 8, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Maret'),  -> (8, 8, 1, 'listrik', 210000, 'Listrik bulan Maret'),  -> (8, 8, 1, 'air', 150000, 'Air bulan Maret'),  -> (9, 9, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Maret'),  -> (9, 9, 2, 'listrik', 200000, 'Listrik bulan Maret'),  -> (9, 9, 2, 'air', 140000, 'Air bulan Maret'),  -> (10, 10, 1, 'sewa kamar', 1200000, 'Sewa kamar bulan Maret'),  -> (10, 10, 1, 'listrik', 250000, 'Listrik bulan Maret'),  -> (10, 10, 1, 'air', 180000, 'Air bulan Maret'),  -> (11, 11, 2, 'sewa kamar', 800000, 'Sewa kamar bulan Maret'),  -> (11, 11, 2, 'listrik', 180000, 'Listrik bulan Maret'),  -> (11, 11, 2, 'air', 130000, 'Air bulan Maret'),  -> (12, 12, 2, 'sewa kamar', 1200000, 'Sewa kamar bulan Maret'),  -> (12, 12, 2, 'listrik', 220000, 'Listrik bulan Maret'),  -> (12, 12, 2, 'air', 160000, 'Air bulan Maret'),  -> (1, 1, 1, 'denda', 50000, 'Keterlambatan pembayaran sewa kamar bulan Maret'),  -> (4, 4, 1, 'denda', 60000, 'Keterlambatan pembayaran sewa kamar bulan Maret');  Query OK, 38 rows affected (0.002 sec)  Records: 38 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> --membayar Januari  MariaDB [kostpoetrasultan]> INSERT INTO membayar (idPenghuni, noKamar, idTipeKamar, idTransaksi, tglTransaksi, metodePembayaran)  -> VALUES  -> (1, 1, 1, 1, '2023-01-01', 'tunai'),  -> (1, 1, 1, 2, '2023-01-05', 'non-tunai'),  -> (1, 1, 1, 3, '2023-01-10', 'non-tunai'),  -> (2, 2, 1, 4, '2023-01-01', 'tunai'),  -> (2, 2, 1, 5, '2023-01-07', 'tunai'),  -> (2, 2, 1, 6, '2023-01-12', 'non-tunai'),  -> (3, 3, 1, 7, '2023-01-01', 'non-tunai'),  -> (3, 3, 1, 8, '2023-01-06', 'tunai'),  -> (3, 3, 1, 9, '2023-01-11', 'non-tunai'),  -> (4, 4, 2, 10, '2023-01-01', 'tunai'),  -> (4, 4, 2, 11, '2023-01-08', 'non-tunai'),  -> (4, 4, 2, 12, '2023-01-13', 'tunai'),  -> (5, 5, 1, 13, '2023-01-01', 'non-tunai'),  -> (5, 5, 1, 14, '2023-01-09', 'tunai'),  -> (5, 5, 1, 15, '2023-01-14', 'tunai'),  -> (6, 6, 2, 16, '2023-01-01', 'non-tunai'),  -> (6, 6, 2, 17, '2023-01-10', 'non-tunai'),  -> (6, 6, 2, 18, '2023-01-15', 'tunai'),  -> (7, 7, 1, 19, '2023-01-01', 'non-tunai'),  -> (7, 7, 1, 20, '2023-01-11', 'tunai'),  -> (7, 7, 1, 21, '2023-01-16', 'tunai'),  -> (8, 8, 1, 22, '2023-01-01', 'non-tunai'),  -> (8, 8, 1, 23, '2023-01-12', 'non-tunai'),  -> (8, 8, 1, 24, '2023-01-17', 'tunai'),  -> (9, 9, 2, 25, '2023-01-01', 'non-tunai'),  -> (9, 9, 2, 26, '2023-01-13', 'non-tunai'),  -> (9, 9, 2, 27, '2023-01-18', 'tunai'),  -> (10, 10, 1, 28, '2023-01-01', 'tunai'),  -> (10, 10, 1, 29, '2023-01-14', 'non-tunai'),  -> (10, 10, 1, 30, '2023-01-19', 'tunai'),  -> (11, 11, 2, 31, '2023-01-01', 'non-tunai'),  -> (11, 11, 2, 32, '2023-01-15', 'tunai'),  -> (11, 11, 2, 33, '2023-01-20', 'non-tunai'),  -> (12, 12, 2, 34, '2023-01-01', 'tunai'),  -> (12, 12, 2, 35, '2023-01-16', 'non-tunai'),  -> (12, 12, 2, 36, '2023-01-21', 'tunai');  Query OK, 36 rows affected (0.003 sec)  Records: 36 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- membayar Februari  MariaDB [kostpoetrasultan]> INSERT INTO membayar (idPenghuni, noKamar, idTipeKamar, idTransaksi, tglTransaksi, metodePembayaran)  -> VALUES  -> (1, 1, 1, 37, '2023-02-01', 'tunai'),  -> (1, 1, 1, 38, '2023-02-05', 'non-tunai'),  -> (1, 1, 1, 39, '2023-02-10', 'non-tunai'),  -> (2, 2, 1, 40, '2023-02-01', 'tunai'),  -> (2, 2, 1, 41, '2023-02-07', 'tunai'),  -> (2, 2, 1, 42, '2023-02-12', 'non-tunai'),  -> (3, 3, 1, 43, '2023-02-01', 'non-tunai'),  -> (3, 3, 1, 44, '2023-02-06', 'tunai'),  -> (3, 3, 1, 45, '2023-02-11', 'non-tunai'),  -> (4, 4, 2, 46, '2023-02-01', 'tunai'),  -> (4, 4, 2, 47, '2023-02-08', 'non-tunai'),  -> (4, 4, 2, 48, '2023-02-13', 'tunai'),  -> (5, 5, 1, 49, '2023-02-01', 'non-tunai'),  -> (5, 5, 1, 50, '2023-02-09', 'tunai'),  -> (5, 5, 1, 51, '2023-02-14', 'tunai'),  -> (6, 6, 2, 52, '2023-02-01', 'non-tunai'),  -> (6, 6, 2, 53, '2023-02-10', 'non-tunai'),  -> (6, 6, 2, 54, '2023-02-15', 'tunai'),  -> (7, 7, 1, 55, '2023-02-01', 'non-tunai'),  -> (7, 7, 1, 56, '2023-02-11', 'tunai'),  -> (7, 7, 1, 57, '2023-02-16', 'tunai'),  -> (8, 8, 1, 58, '2023-02-01', 'non-tunai'),  -> (8, 8, 1, 59, '2023-02-12', 'non-tunai'),  -> (8, 8, 1, 60, '2023-02-17', 'tunai'),  -> (9, 9, 2, 61, '2023-02-01', 'non-tunai'),  -> (9, 9, 2, 62, '2023-02-13', 'non-tunai'),  -> (9, 9, 2, 63, '2023-02-18', 'tunai'),  -> (10, 10, 1, 64, '2023-02-01', 'tunai'),  -> (10, 10, 1, 65, '2023-02-14', 'non-tunai'),  -> (10, 10, 1, 66, '2023-02-19', 'tunai'),  -> (11, 11, 2, 67, '2023-02-01', 'non-tunai'),  -> (11, 11, 2, 68, '2023-02-15', 'tunai'),  -> (11, 11, 2, 69, '2023-02-20', 'non-tunai'),  -> (12, 12, 2, 70, '2023-02-01', 'tunai'),  -> (12, 12, 2, 71, '2023-02-16', 'non-tunai'),  -> (12, 12, 2, 72, '2023-02-21', 'tunai');  Query OK, 36 rows affected (0.001 sec)  Records: 36 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- membayar Maret  MariaDB [kostpoetrasultan]> INSERT INTO membayar (idPenghuni, noKamar, idTipeKamar, idTransaksi, tglTransaksi, metodePembayaran)  -> VALUES  -> (1, 1, 1, 73, '2023-03-01', 'tunai'),  -> (1, 1, 1, 74, '2023-03-05', 'non-tunai'),  -> (1, 1, 1, 75, '2023-03-10', 'non-tunai'),  -> (2, 2, 1, 76, '2023-03-01', 'tunai'),  -> (2, 2, 1, 77, '2023-03-07', 'tunai'),  -> (2, 2, 1, 78, '2023-03-12', 'non-tunai'),  -> (3, 3, 1, 79, '2023-03-01', 'non-tunai'),  -> (3, 3, 1, 80, '2023-03-06', 'tunai'),  -> (3, 3, 1, 81, '2023-03-11', 'non-tunai'),  -> (4, 4, 2, 82, '2023-03-01', 'tunai'),  -> (4, 4, 2, 83, '2023-03-08', 'non-tunai'),  -> (4, 4, 2, 84, '2023-03-13', 'tunai'),  -> (5, 5, 1, 85, '2023-03-01', 'non-tunai'),  -> (5, 5, 1, 86, '2023-03-09', 'tunai'),  -> (5, 5, 1, 87, '2023-03-14', 'tunai'),  -> (6, 6, 2, 88, '2023-03-01', 'non-tunai'),  -> (6, 6, 2, 89, '2023-03-10', 'non-tunai'),  -> (6, 6, 2, 90, '2023-03-15', 'tunai'),  -> (7, 7, 1, 91, '2023-03-01', 'non-tunai'),  -> (7, 7, 1, 92, '2023-03-11', 'tunai'),  -> (7, 7, 1, 93, '2023-03-16', 'tunai'),  -> (8, 8, 1, 94, '2023-03-01', 'non-tunai'),  -> (8, 8, 1, 95, '2023-03-12', 'non-tunai'),  -> (8, 8, 1, 96, '2023-03-17', 'tunai'),  -> (9, 9, 2, 97, '2023-03-01', 'non-tunai'),  -> (9, 9, 2, 98, '2023-03-13', 'non-tunai'),  -> (9, 9, 2, 99, '2023-03-18', 'tunai'),  -> (10, 10, 1, 100, '2023-03-01', 'tunai'),  -> (10, 10, 1, 101, '2023-03-14', 'non-tunai'),  -> (10, 10, 1, 102, '2023-03-19', 'tunai'),  -> (11, 11, 2, 103, '2023-03-01', 'non-tunai'),  -> (11, 11, 2, 104, '2023-03-15', 'tunai'),  -> (11, 11, 2, 105, '2023-03-20', 'non-tunai'),  -> (12, 12, 2, 106, '2023-03-01', 'tunai'),  -> (12, 12, 2, 107, '2023-03-16', 'non-tunai'),  -> (12, 12, 2, 108, '2023-03-21', 'tunai'),  -> (1, 1, 1, 109, '2023-03-25', 'tunai'),  -> (4, 4, 1, 110, '2023-03-26', 'tunai');  Query OK, 38 rows affected (0.001 sec)  Records: 38 Duplicates: 0 Warnings: 0 |

Melihat isi tabel semuanya;

|  |
| --- |
| -- Menampilkan data dari tabel Penghuni  SELECT \* FROM penghuni;  -- Menampilkan data dari tabel Penghuni Email  SELECT \* FROM penghuni\_email;  -- Menampilkan data dari tabel Penghuni NoTelp  SELECT \* FROM penghuni\_noTelp;  -- Menampilkan data dari tabel Menyewa  SELECT \* FROM menyewa;  -- Menampilkan data dari tabel Tipe Kamar  SELECT \* FROM tipeKamar;  -- Menampilkan data dari tabel Kamar  SELECT \* FROM kamar;  -- Menampilkan data dari tabel Transaksi  SELECT \* FROM transaksi;  -- Menampilkan data dari tabel Membayar  SELECT \* FROM membayar; |

Output

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT \* FROM penghuni;  +------------+-----------+--------------+-------------------+------+------+-------------+------------+-------------+---------------+---------+--------------+  | idPenghuni | namaDepan | namaBelakang | jalan | RT | RW | kelurahan | kecamatan | kota | provinsi | kodePos | tanggalLahir |  +------------+-----------+--------------+-------------------+------+------+-------------+------------+-------------+---------------+---------+--------------+  | 1 | Budi | Santoso | Jl. Melati 123 | 6 | 12 | Cipedes | Bandung | Jawa Barat | Jawa Barat | 40135 | 1995-08-20 |  | 2 | Ahmad | Wibowo | Jl. Kencana 456 | 10 | 15 | Demangan | Yogyakarta | Yogyakarta | DI Yogyakarta | 55241 | 1993-03-12 |  | 3 | Rudi | Susilo | Jl. Anggrek 789 | 14 | 18 | Sukolilo | Surabaya | Jawa Timur | Jawa Timur | 60223 | 1994-12-05 |  | 4 | Dwi | Sulistyo | Jl. Dahlia 567 | 8 | 22 | Tirto | Semarang | Jawa Tengah | Jawa Tengah | 50148 | 1992-06-18 |  | 5 | Eko | Prasetyo | Jl. Mawar 890 | 7 | 11 | Ciwidey | Bandung | Jawa Barat | Jawa Barat | 40354 | 1996-10-25 |  | 6 | Hendra | Kusuma | Jl. Srikaya 123 | 5 | 17 | Kasihan | Bantul | Yogyakarta | DI Yogyakarta | 55183 | 1994-02-15 |  | 7 | Indra | Setiawan | Jl. Flamboyan 456 | 12 | 16 | Kenjeran | Surabaya | Jawa Timur | Jawa Timur | 60122 | 1993-08-08 |  | 8 | Ade | Wijaya | Jl. Anggrek 789 | 9 | 23 | Genuk | Semarang | Jawa Tengah | Jawa Tengah | 50245 | 1995-05-20 |  | 9 | Bayu | Nugroho | Jl. Kencur 234 | 11 | 14 | Kalasan | Sleman | Yogyakarta | DI Yogyakarta | 55571 | 1992-12-12 |  | 10 | Dicky | Saputra | Jl. Mawar 567 | 13 | 19 | Mulyorejo | Surabaya | Jawa Timur | Jawa Timur | 60223 | 1994-07-17 |  | 11 | Fandi | Surya | Jl. Kamboja 890 | 6 | 20 | Banyumanik | Semarang | Jawa Tengah | Jawa Tengah | 50192 | 1996-04-05 |  | 12 | Galih | Purnama | Jl. Raya 123 | 8 | 21 | Cangkringan | Sleman | Yogyakarta | DI Yogyakarta | 55582 | 1993-01-22 |  +------------+-----------+--------------+-------------------+------+------+-------------+------------+-------------+---------------+---------+--------------+  12 rows in set (0.000 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Penghuni Email  MariaDB [kostpoetrasultan]> SELECT \* FROM penghuni\_email;  +------------+--------------------------+  | idPenghuni | email |  +------------+--------------------------+  | 1 | budi.santoso@gmail.com |  | 1 | budi.santoso@yahoo.com |  | 1 | budi.santoso@outlook.com |  | 2 | ahmad.wibowo@gmail.com |  | 2 | ahmad.wibowo@yahoo.com |  | 3 | rudi.susilo@gmail.com |  | 3 | rudi.susilo@yahoo.com |  | 3 | rudi.susilo@outlook.com |  | 4 | dwi.sulistyo@gmail.com |  | 4 | dwi.sulistyo@yahoo.com |  | 5 | eko.prasetyo@gmail.com |  | 5 | eko.prasetyo@yahoo.com |  | 5 | eko.prasetyo@outlook.com |  | 6 | hendra.kusuma@gmail.com |  | 6 | hendra.kusuma@yahoo.com |  | 7 | indra.setiawan@gmail.com |  | 8 | ade.wijaya@gmail.com |  | 9 | bayu.nugroho@gmail.com |  | 9 | bayu.nugroho@yahoo.com |  | 9 | bayu.nugroho@outlook.com |  | 10 | dicky.saputra@gmail.com |  | 11 | fandi.surya@gmail.com |  | 12 | galih.purnama@gmail.com |  +------------+--------------------------+  23 rows in set (0.000 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Penghuni NoTelp  MariaDB [kostpoetrasultan]> SELECT \* FROM penghuni\_noTelp;  +------------+--------------+  | idPenghuni | noTelp |  +------------+--------------+  | 1 | 081234567890 |  | 2 | 081234567890 |  | 2 | 081112233445 |  | 3 | 081234567890 |  | 4 | 081112233445 |  | 5 | 081234567890 |  | 5 | 081112233445 |  | 6 | 081234567890 |  | 7 | 081112233445 |  | 8 | 081234567890 |  | 9 | 081112233445 |  | 10 | 081234567890 |  | 10 | 081112233445 |  | 11 | 081234567890 |  | 11 | 081112233445 |  | 12 | 081234567890 |  | 12 | 081112233445 |  +------------+--------------+  17 rows in set (0.000 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Menyewa  MariaDB [kostpoetrasultan]> SELECT \* FROM menyewa;  +------------+--------------+--------------+  | idPenghuni | tglMulaiSewa | tglAkhirSewa |  +------------+--------------+--------------+  | 1 | 2022-01-01 | 2023-01-01 |  | 2 | 2022-01-01 | 2023-01-01 |  | 3 | 2022-01-01 | 2023-01-01 |  | 4 | 2022-01-01 | 2023-01-01 |  | 5 | 2022-01-01 | 2023-01-01 |  | 6 | 2022-01-01 | 2023-01-01 |  | 7 | 2022-01-01 | 2023-01-01 |  | 8 | 2022-01-01 | 2023-01-01 |  | 9 | 2022-01-01 | 2023-01-01 |  | 10 | 2022-01-01 | 2023-01-01 |  | 11 | 2022-01-01 | 2023-01-01 |  | 12 | 2022-01-01 | 2023-01-01 |  +------------+--------------+--------------+  12 rows in set (0.000 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Tipe Kamar  MariaDB [kostpoetrasultan]> SELECT \* FROM tipeKamar;  +-------------+--------------------+------------+-----------+  | idTipeKamar | tipeKamar | hargaKamar | luasKamar |  +-------------+--------------------+------------+-----------+  | 1 | Tanpa Kamar Mandi | 800000.00 | 12.50 |  | 2 | Dengan Kamar Mandi | 1200000.00 | 15.00 |  +-------------+--------------------+------------+-----------+  2 rows in set (0.000 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Kamar  MariaDB [kostpoetrasultan]> SELECT \* FROM kamar;  +---------+-------------+------------+  | noKamar | idTipeKamar | idPenghuni |  +---------+-------------+------------+  | 1 | 1 | 1 |  | 2 | 1 | 2 |  | 3 | 1 | 3 |  | 4 | 1 | 4 |  | 5 | 2 | 5 |  | 6 | 1 | 6 |  | 7 | 1 | 7 |  | 8 | 1 | 8 |  | 9 | 2 | 9 |  | 10 | 1 | 10 |  | 11 | 2 | 11 |  | 12 | 2 | 12 |  +---------+-------------+------------+  12 rows in set (0.000 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Transaksi  MariaDB [kostpoetrasultan]> SELECT \* FROM transaksi;  +------------+---------+-------------+-------------+----------------+-------------+-------------------------------------------------+  | idPenghuni | noKamar | idTipeKamar | idTransaksi | jenisTransaksi | jumlahBiaya | keterangan |  +------------+---------+-------------+-------------+----------------+-------------+-------------------------------------------------+  | 1 | 1 | 1 | 1 | sewa kamar | 800000.00 | Sewa kamar bulan Januari |  | 1 | 1 | 1 | 2 | listrik | 200000.00 | Listrik bulan Januari |  | 1 | 1 | 1 | 3 | air | 150000.00 | Air bulan Januari |  | 2 | 2 | 1 | 4 | sewa kamar | 1200000.00 | Sewa kamar bulan Januari |  | 2 | 2 | 1 | 5 | listrik | 250000.00 | Listrik bulan Januari |  | 2 | 2 | 1 | 6 | air | 180000.00 | Air bulan Januari |  | 3 | 3 | 1 | 7 | sewa kamar | 800000.00 | Sewa kamar bulan Januari |  | 3 | 3 | 1 | 8 | listrik | 180000.00 | Listrik bulan Januari |  | 3 | 3 | 1 | 9 | air | 130000.00 | Air bulan Januari |  | 4 | 4 | 1 | 10 | sewa kamar | 1200000.00 | Sewa kamar bulan Januari |  | 4 | 4 | 1 | 11 | listrik | 220000.00 | Listrik bulan Januari |  | 4 | 4 | 1 | 12 | air | 160000.00 | Air bulan Januari |  | 5 | 5 | 2 | 13 | sewa kamar | 800000.00 | Sewa kamar bulan Januari |  | 5 | 5 | 2 | 14 | listrik | 190000.00 | Listrik bulan Januari |  | 5 | 5 | 2 | 15 | air | 140000.00 | Air bulan Januari |  | 6 | 6 | 1 | 16 | sewa kamar | 1200000.00 | Sewa kamar bulan Januari |  | 6 | 6 | 1 | 17 | listrik | 240000.00 | Listrik bulan Januari |  | 6 | 6 | 1 | 18 | air | 170000.00 | Air bulan Januari |  | 7 | 7 | 1 | 19 | sewa kamar | 800000.00 | Sewa kamar bulan Januari |  | 7 | 7 | 1 | 20 | listrik | 170000.00 | Listrik bulan Januari |  | 7 | 7 | 1 | 21 | air | 120000.00 | Air bulan Januari |  | 8 | 8 | 1 | 22 | sewa kamar | 1200000.00 | Sewa kamar bulan Januari |  | 8 | 8 | 1 | 23 | listrik | 210000.00 | Listrik bulan Januari |  | 8 | 8 | 1 | 24 | air | 150000.00 | Air bulan Januari |  | 9 | 9 | 2 | 25 | sewa kamar | 800000.00 | Sewa kamar bulan Januari |  | 9 | 9 | 2 | 26 | listrik | 200000.00 | Listrik bulan Januari |  | 9 | 9 | 2 | 27 | air | 140000.00 | Air bulan Januari |  | 10 | 10 | 1 | 28 | sewa kamar | 1200000.00 | Sewa kamar bulan Januari |  | 10 | 10 | 1 | 29 | listrik | 250000.00 | Listrik bulan Januari |  | 10 | 10 | 1 | 30 | air | 180000.00 | Air bulan Januari |  | 11 | 11 | 2 | 31 | sewa kamar | 800000.00 | Sewa kamar bulan Januari |  | 11 | 11 | 2 | 32 | listrik | 180000.00 | Listrik bulan Januari |  | 11 | 11 | 2 | 33 | air | 130000.00 | Air bulan Januari |  | 12 | 12 | 2 | 34 | sewa kamar | 1200000.00 | Sewa kamar bulan Januari |  | 12 | 12 | 2 | 35 | listrik | 220000.00 | Listrik bulan Januari |  | 12 | 12 | 2 | 36 | air | 160000.00 | Air bulan Januari |  | 1 | 1 | 1 | 37 | sewa kamar | 800000.00 | Sewa kamar bulan Februari |  | 1 | 1 | 1 | 38 | listrik | 200000.00 | Listrik bulan Februari |  | 1 | 1 | 1 | 39 | air | 150000.00 | Air bulan Februari |  | 2 | 2 | 1 | 40 | sewa kamar | 1200000.00 | Sewa kamar bulan Februari |  | 2 | 2 | 1 | 41 | listrik | 250000.00 | Listrik bulan Februari |  | 2 | 2 | 1 | 42 | air | 180000.00 | Air bulan Februari |  | 3 | 3 | 1 | 43 | sewa kamar | 800000.00 | Sewa kamar bulan Februari |  | 3 | 3 | 1 | 44 | listrik | 180000.00 | Listrik bulan Februari |  | 3 | 3 | 1 | 45 | air | 130000.00 | Air bulan Februari |  | 4 | 4 | 1 | 46 | sewa kamar | 1200000.00 | Sewa kamar bulan Februari |  | 4 | 4 | 1 | 47 | listrik | 220000.00 | Listrik bulan Februari |  | 4 | 4 | 1 | 48 | air | 160000.00 | Air bulan Februari |  | 5 | 5 | 2 | 49 | sewa kamar | 800000.00 | Sewa kamar bulan Februari |  | 5 | 5 | 2 | 50 | listrik | 190000.00 | Listrik bulan Februari |  | 5 | 5 | 2 | 51 | air | 140000.00 | Air bulan Februari |  | 6 | 6 | 1 | 52 | sewa kamar | 1200000.00 | Sewa kamar bulan Februari |  | 6 | 6 | 1 | 53 | listrik | 240000.00 | Listrik bulan Februari |  | 6 | 6 | 1 | 54 | air | 170000.00 | Air bulan Februari |  | 7 | 7 | 1 | 55 | sewa kamar | 800000.00 | Sewa kamar bulan Februari |  | 7 | 7 | 1 | 56 | listrik | 170000.00 | Listrik bulan Februari |  | 7 | 7 | 1 | 57 | air | 120000.00 | Air bulan Februari |  | 8 | 8 | 1 | 58 | sewa kamar | 1200000.00 | Sewa kamar bulan Februari |  | 8 | 8 | 1 | 59 | listrik | 210000.00 | Listrik bulan Februari |  | 8 | 8 | 1 | 60 | air | 150000.00 | Air bulan Februari |  | 9 | 9 | 2 | 61 | sewa kamar | 800000.00 | Sewa kamar bulan Februari |  | 9 | 9 | 2 | 62 | listrik | 200000.00 | Listrik bulan Februari |  | 9 | 9 | 2 | 63 | air | 140000.00 | Air bulan Februari |  | 10 | 10 | 1 | 64 | sewa kamar | 1200000.00 | Sewa kamar bulan Februari |  | 10 | 10 | 1 | 65 | listrik | 250000.00 | Listrik bulan Februari |  | 10 | 10 | 1 | 66 | air | 180000.00 | Air bulan Februari |  | 11 | 11 | 2 | 67 | sewa kamar | 800000.00 | Sewa kamar bulan Februari |  | 11 | 11 | 2 | 68 | listrik | 180000.00 | Listrik bulan Februari |  | 11 | 11 | 2 | 69 | air | 130000.00 | Air bulan Februari |  | 12 | 12 | 2 | 70 | sewa kamar | 1200000.00 | Sewa kamar bulan Februari |  | 12 | 12 | 2 | 71 | listrik | 220000.00 | Listrik bulan Februari |  | 12 | 12 | 2 | 72 | air | 160000.00 | Air bulan Februari |  | 1 | 1 | 1 | 73 | sewa kamar | 800000.00 | Sewa kamar bulan Maret |  | 1 | 1 | 1 | 74 | listrik | 200000.00 | Listrik bulan Maret |  | 1 | 1 | 1 | 75 | air | 150000.00 | Air bulan Maret |  | 2 | 2 | 1 | 76 | sewa kamar | 1200000.00 | Sewa kamar bulan Maret |  | 2 | 2 | 1 | 77 | listrik | 250000.00 | Listrik bulan Maret |  | 2 | 2 | 1 | 78 | air | 180000.00 | Air bulan Maret |  | 3 | 3 | 1 | 79 | sewa kamar | 800000.00 | Sewa kamar bulan Maret |  | 3 | 3 | 1 | 80 | listrik | 180000.00 | Listrik bulan Maret |  | 3 | 3 | 1 | 81 | air | 130000.00 | Air bulan Maret |  | 4 | 4 | 1 | 82 | sewa kamar | 1200000.00 | Sewa kamar bulan Maret |  | 4 | 4 | 1 | 83 | listrik | 220000.00 | Listrik bulan Maret |  | 4 | 4 | 1 | 84 | air | 160000.00 | Air bulan Maret |  | 5 | 5 | 2 | 85 | sewa kamar | 800000.00 | Sewa kamar bulan Maret |  | 5 | 5 | 2 | 86 | listrik | 190000.00 | Listrik bulan Maret |  | 5 | 5 | 2 | 87 | air | 140000.00 | Air bulan Maret |  | 6 | 6 | 1 | 88 | sewa kamar | 1200000.00 | Sewa kamar bulan Maret |  | 6 | 6 | 1 | 89 | listrik | 240000.00 | Listrik bulan Maret |  | 6 | 6 | 1 | 90 | air | 170000.00 | Air bulan Maret |  | 7 | 7 | 1 | 91 | sewa kamar | 800000.00 | Sewa kamar bulan Maret |  | 7 | 7 | 1 | 92 | listrik | 170000.00 | Listrik bulan Maret |  | 7 | 7 | 1 | 93 | air | 120000.00 | Air bulan Maret |  | 8 | 8 | 1 | 94 | sewa kamar | 1200000.00 | Sewa kamar bulan Maret |  | 8 | 8 | 1 | 95 | listrik | 210000.00 | Listrik bulan Maret |  | 8 | 8 | 1 | 96 | air | 150000.00 | Air bulan Maret |  | 9 | 9 | 2 | 97 | sewa kamar | 800000.00 | Sewa kamar bulan Maret |  | 9 | 9 | 2 | 98 | listrik | 200000.00 | Listrik bulan Maret |  | 9 | 9 | 2 | 99 | air | 140000.00 | Air bulan Maret |  | 10 | 10 | 1 | 100 | sewa kamar | 1200000.00 | Sewa kamar bulan Maret |  | 10 | 10 | 1 | 101 | listrik | 250000.00 | Listrik bulan Maret |  | 10 | 10 | 1 | 102 | air | 180000.00 | Air bulan Maret |  | 11 | 11 | 2 | 103 | sewa kamar | 800000.00 | Sewa kamar bulan Maret |  | 11 | 11 | 2 | 104 | listrik | 180000.00 | Listrik bulan Maret |  | 11 | 11 | 2 | 105 | air | 130000.00 | Air bulan Maret |  | 12 | 12 | 2 | 106 | sewa kamar | 1200000.00 | Sewa kamar bulan Maret |  | 12 | 12 | 2 | 107 | listrik | 220000.00 | Listrik bulan Maret |  | 12 | 12 | 2 | 108 | air | 160000.00 | Air bulan Maret |  | 1 | 1 | 1 | 109 | denda | 50000.00 | Keterlambatan pembayaran sewa kamar bulan Maret |  | 4 | 4 | 1 | 110 | denda | 60000.00 | Keterlambatan pembayaran sewa kamar bulan Maret |  +------------+---------+-------------+-------------+----------------+-------------+-------------------------------------------------+  110 rows in set (0.000 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Membayar  MariaDB [kostpoetrasultan]> SELECT \* FROM membayar;  +------------+---------+-------------+-------------+--------------+------------------+  | idPenghuni | noKamar | idTipeKamar | idTransaksi | tglTransaksi | metodePembayaran |  +------------+---------+-------------+-------------+--------------+------------------+  | 1 | 1 | 1 | 1 | 2023-01-01 | tunai |  | 1 | 1 | 1 | 2 | 2023-01-05 | non-tunai |  | 1 | 1 | 1 | 3 | 2023-01-10 | non-tunai |  | 2 | 2 | 1 | 4 | 2023-01-01 | tunai |  | 2 | 2 | 1 | 5 | 2023-01-07 | tunai |  | 2 | 2 | 1 | 6 | 2023-01-12 | non-tunai |  | 3 | 3 | 1 | 7 | 2023-01-01 | non-tunai |  | 3 | 3 | 1 | 8 | 2023-01-06 | tunai |  | 3 | 3 | 1 | 9 | 2023-01-11 | non-tunai |  | 4 | 4 | 2 | 10 | 2023-01-01 | tunai |  | 4 | 4 | 2 | 11 | 2023-01-08 | non-tunai |  | 4 | 4 | 2 | 12 | 2023-01-13 | tunai |  | 5 | 5 | 1 | 13 | 2023-01-01 | non-tunai |  | 5 | 5 | 1 | 14 | 2023-01-09 | tunai |  | 5 | 5 | 1 | 15 | 2023-01-14 | tunai |  | 6 | 6 | 2 | 16 | 2023-01-01 | non-tunai |  | 6 | 6 | 2 | 17 | 2023-01-10 | non-tunai |  | 6 | 6 | 2 | 18 | 2023-01-15 | tunai |  | 7 | 7 | 1 | 19 | 2023-01-01 | non-tunai |  | 7 | 7 | 1 | 20 | 2023-01-11 | tunai |  | 7 | 7 | 1 | 21 | 2023-01-16 | tunai |  | 8 | 8 | 1 | 22 | 2023-01-01 | non-tunai |  | 8 | 8 | 1 | 23 | 2023-01-12 | non-tunai |  | 8 | 8 | 1 | 24 | 2023-01-17 | tunai |  | 9 | 9 | 2 | 25 | 2023-01-01 | non-tunai |  | 9 | 9 | 2 | 26 | 2023-01-13 | non-tunai |  | 9 | 9 | 2 | 27 | 2023-01-18 | tunai |  | 10 | 10 | 1 | 28 | 2023-01-01 | tunai |  | 10 | 10 | 1 | 29 | 2023-01-14 | non-tunai |  | 10 | 10 | 1 | 30 | 2023-01-19 | tunai |  | 11 | 11 | 2 | 31 | 2023-01-01 | non-tunai |  | 11 | 11 | 2 | 32 | 2023-01-15 | tunai |  | 11 | 11 | 2 | 33 | 2023-01-20 | non-tunai |  | 12 | 12 | 2 | 34 | 2023-01-01 | tunai |  | 12 | 12 | 2 | 35 | 2023-01-16 | non-tunai |  | 12 | 12 | 2 | 36 | 2023-01-21 | tunai |  | 1 | 1 | 1 | 37 | 2023-02-01 | tunai |  | 1 | 1 | 1 | 38 | 2023-02-05 | non-tunai |  | 1 | 1 | 1 | 39 | 2023-02-10 | non-tunai |  | 2 | 2 | 1 | 40 | 2023-02-01 | tunai |  | 2 | 2 | 1 | 41 | 2023-02-07 | tunai |  | 2 | 2 | 1 | 42 | 2023-02-12 | non-tunai |  | 3 | 3 | 1 | 43 | 2023-02-01 | non-tunai |  | 3 | 3 | 1 | 44 | 2023-02-06 | tunai |  | 3 | 3 | 1 | 45 | 2023-02-11 | non-tunai |  | 4 | 4 | 2 | 46 | 2023-02-01 | tunai |  | 4 | 4 | 2 | 47 | 2023-02-08 | non-tunai |  | 4 | 4 | 2 | 48 | 2023-02-13 | tunai |  | 5 | 5 | 1 | 49 | 2023-02-01 | non-tunai |  | 5 | 5 | 1 | 50 | 2023-02-09 | tunai |  | 5 | 5 | 1 | 51 | 2023-02-14 | tunai |  | 6 | 6 | 2 | 52 | 2023-02-01 | non-tunai |  | 6 | 6 | 2 | 53 | 2023-02-10 | non-tunai |  | 6 | 6 | 2 | 54 | 2023-02-15 | tunai |  | 7 | 7 | 1 | 55 | 2023-02-01 | non-tunai |  | 7 | 7 | 1 | 56 | 2023-02-11 | tunai |  | 7 | 7 | 1 | 57 | 2023-02-16 | tunai |  | 8 | 8 | 1 | 58 | 2023-02-01 | non-tunai |  | 8 | 8 | 1 | 59 | 2023-02-12 | non-tunai |  | 8 | 8 | 1 | 60 | 2023-02-17 | tunai |  | 9 | 9 | 2 | 61 | 2023-02-01 | non-tunai |  | 9 | 9 | 2 | 62 | 2023-02-13 | non-tunai |  | 9 | 9 | 2 | 63 | 2023-02-18 | tunai |  | 10 | 10 | 1 | 64 | 2023-02-01 | tunai |  | 10 | 10 | 1 | 65 | 2023-02-14 | non-tunai |  | 10 | 10 | 1 | 66 | 2023-02-19 | tunai |  | 11 | 11 | 2 | 67 | 2023-02-01 | non-tunai |  | 11 | 11 | 2 | 68 | 2023-02-15 | tunai |  | 11 | 11 | 2 | 69 | 2023-02-20 | non-tunai |  | 12 | 12 | 2 | 70 | 2023-02-01 | tunai |  | 12 | 12 | 2 | 71 | 2023-02-16 | non-tunai |  | 12 | 12 | 2 | 72 | 2023-02-21 | tunai |  | 1 | 1 | 1 | 73 | 2023-03-01 | tunai |  | 1 | 1 | 1 | 74 | 2023-03-05 | non-tunai |  | 1 | 1 | 1 | 75 | 2023-03-10 | non-tunai |  | 2 | 2 | 1 | 76 | 2023-03-01 | tunai |  | 2 | 2 | 1 | 77 | 2023-03-07 | tunai |  | 2 | 2 | 1 | 78 | 2023-03-12 | non-tunai |  | 3 | 3 | 1 | 79 | 2023-03-01 | non-tunai |  | 3 | 3 | 1 | 80 | 2023-03-06 | tunai |  | 3 | 3 | 1 | 81 | 2023-03-11 | non-tunai |  | 4 | 4 | 2 | 82 | 2023-03-01 | tunai |  | 4 | 4 | 2 | 83 | 2023-03-08 | non-tunai |  | 4 | 4 | 2 | 84 | 2023-03-13 | tunai |  | 5 | 5 | 1 | 85 | 2023-03-01 | non-tunai |  | 5 | 5 | 1 | 86 | 2023-03-09 | tunai |  | 5 | 5 | 1 | 87 | 2023-03-14 | tunai |  | 6 | 6 | 2 | 88 | 2023-03-01 | non-tunai |  | 6 | 6 | 2 | 89 | 2023-03-10 | non-tunai |  | 6 | 6 | 2 | 90 | 2023-03-15 | tunai |  | 7 | 7 | 1 | 91 | 2023-03-01 | non-tunai |  | 7 | 7 | 1 | 92 | 2023-03-11 | tunai |  | 7 | 7 | 1 | 93 | 2023-03-16 | tunai |  | 8 | 8 | 1 | 94 | 2023-03-01 | non-tunai |  | 8 | 8 | 1 | 95 | 2023-03-12 | non-tunai |  | 8 | 8 | 1 | 96 | 2023-03-17 | tunai |  | 9 | 9 | 2 | 97 | 2023-03-01 | non-tunai |  | 9 | 9 | 2 | 98 | 2023-03-13 | non-tunai |  | 9 | 9 | 2 | 99 | 2023-03-18 | tunai |  | 10 | 10 | 1 | 100 | 2023-03-01 | tunai |  | 10 | 10 | 1 | 101 | 2023-03-14 | non-tunai |  | 10 | 10 | 1 | 102 | 2023-03-19 | tunai |  | 11 | 11 | 2 | 103 | 2023-03-01 | non-tunai |  | 11 | 11 | 2 | 104 | 2023-03-15 | tunai |  | 11 | 11 | 2 | 105 | 2023-03-20 | non-tunai |  | 12 | 12 | 2 | 106 | 2023-03-01 | tunai |  | 12 | 12 | 2 | 107 | 2023-03-16 | non-tunai |  | 12 | 12 | 2 | 108 | 2023-03-21 | tunai |  | 1 | 1 | 1 | 109 | 2023-03-25 | tunai |  | 4 | 4 | 1 | 110 | 2023-03-26 | tunai |  +------------+---------+-------------+-------------+--------------+------------------+  110 rows in set (0.000 sec)  MariaDB [kostpoetrasultan]> |

Untuk menampilkan nama lengkap penghuni, nomor kamar, jenis kamar, dan harga kamar,

|  |
| --- |
| SELECT p.namaDepan, p.namaBelakang, k.noKamar, tk.tipeKamar, tk.hargaKamar  FROM penghuni AS p  JOIN kamar AS k ON p.idPenghuni = k.idPenghuni  JOIN tipeKamar AS tk ON k.idTipeKamar = tk.idTipeKamar; |

output

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT p.namaDepan, p.namaBelakang, k.noKamar, tk.tipeKamar, tk.hargaKamar  -> FROM penghuni AS p  -> JOIN kamar AS k ON p.idPenghuni = k.idPenghuni  -> JOIN tipeKamar AS tk ON k.idTipeKamar = tk.idTipeKamar;  +-----------+--------------+---------+-----------+------------+  | namaDepan | namaBelakang | noKamar | tipeKamar | hargaKamar |  +-----------+--------------+---------+-----------+------------+  | Budi | Santoso | 1 | Standard | 800000.00 |  | Ahmad | Wibowo | 2 | Standard | 800000.00 |  | Rudi | Susilo | 3 | Standard | 800000.00 |  | Dwi | Sulistyo | 4 | Standard | 800000.00 |  | Hendra | Kusuma | 6 | Standard | 800000.00 |  | Indra | Setiawan | 7 | Standard | 800000.00 |  | Ade | Wijaya | 8 | Standard | 800000.00 |  | Dicky | Saputra | 10 | Standard | 800000.00 |  | Eko | Prasetyo | 5 | Deluxe | 1200000.00 |  | Bayu | Nugroho | 9 | Deluxe | 1200000.00 |  | Fandi | Surya | 11 | Deluxe | 1200000.00 |  | Galih | Purnama | 12 | Deluxe | 1200000.00 |  +-----------+--------------+---------+-----------+------------+  12 rows in set (0.004 sec) |

Menghitung umur masing-masing penghuni

|  |
| --- |
| SELECT idPenghuni, CONCAT(namaDepan, ' ', namaBelakang) as 'Nama Lengkap',  TIMESTAMPDIFF(YEAR, tanggalLahir, CURDATE()) AS Umur  FROM penghuni  ORDER BY Umur DESC; |

Output

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT idPenghuni, CONCAT(namaDepan, ' ', namaBelakang) as 'Nama Lengkap',  -> TIMESTAMPDIFF(YEAR, tanggalLahir, CURDATE()) AS Umur  -> FROM penghuni  -> ORDER BY Umur DESC;  +------------+----------------+------+  | idPenghuni | Nama Lengkap | Umur |  +------------+----------------+------+  | 4 | Dwi Sulistyo | 31 |  | 9 | Bayu Nugroho | 31 |  | 2 | Ahmad Wibowo | 30 |  | 7 | Indra Setiawan | 30 |  | 12 | Galih Purnama | 30 |  | 3 | Rudi Susilo | 29 |  | 6 | Hendra Kusuma | 29 |  | 10 | Dicky Saputra | 29 |  | 1 | Budi Santoso | 28 |  | 8 | Ade Wijaya | 28 |  | 5 | Eko Prasetyo | 27 |  | 11 | Fandi Surya | 27 |  +------------+----------------+------+  12 rows in set (0.000 sec) |

Menampilkan jumlah penghuni dan rata-rata umur dari keseluruhan penghuni

|  |
| --- |
| SELECT  COUNT(\*) as 'Jumlah Penghuni',  AVG(TIMESTAMPDIFF(YEAR, tanggalLahir, CURDATE())) AS 'Rata-rata Umur'  FROM  penghuni; |

Output

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT  -> COUNT(\*) as 'Jumlah Penghuni',  -> AVG(TIMESTAMPDIFF(YEAR, tanggalLahir, CURDATE())) AS 'Rata-rata Umur'  -> FROM  -> penghuni;  +-----------------+----------------+  | Jumlah Penghuni | Rata-rata Umur |  +-----------------+----------------+  | 12 | 29.0833 |  +-----------------+----------------+  1 row in set (0.001 sec) |

Melihat email dam nomor telepon masing masing penghuni

|  |
| --- |
| SELECT  CONCAT(P.namaDepan, ' ', P.namaBelakang) as 'Nama Lengkap',  E.email,  T.noTelp  FROM  penghuni P  INNER JOIN  penghuni\_email E ON P.idPenghuni = E.idPenghuni  INNER JOIN  penghuni\_noTelp T ON P.idPenghuni = T.idPenghuni; |

Output:

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT  -> CONCAT(P.namaDepan, ' ', P.namaBelakang) as 'Nama Lengkap',  -> E.email,  -> T.noTelp  -> FROM  -> penghuni P  -> INNER JOIN  -> penghuni\_email E ON P.idPenghuni = E.idPenghuni  -> INNER JOIN  -> penghuni\_noTelp T ON P.idPenghuni = T.idPenghuni;  +----------------+--------------------------+--------------+  | Nama Lengkap | email | noTelp |  +----------------+--------------------------+--------------+  | Budi Santoso | budi.santoso@gmail.com | 081234567890 |  | Budi Santoso | budi.santoso@yahoo.com | 081234567890 |  | Budi Santoso | budi.santoso@outlook.com | 081234567890 |  | Ahmad Wibowo | ahmad.wibowo@gmail.com | 081234567890 |  | Ahmad Wibowo | ahmad.wibowo@yahoo.com | 081234567890 |  | Ahmad Wibowo | ahmad.wibowo@gmail.com | 081112233445 |  | Ahmad Wibowo | ahmad.wibowo@yahoo.com | 081112233445 |  | Rudi Susilo | rudi.susilo@gmail.com | 081234567890 |  | Rudi Susilo | rudi.susilo@yahoo.com | 081234567890 |  | Rudi Susilo | rudi.susilo@outlook.com | 081234567890 |  | Dwi Sulistyo | dwi.sulistyo@gmail.com | 081112233445 |  | Dwi Sulistyo | dwi.sulistyo@yahoo.com | 081112233445 |  | Eko Prasetyo | eko.prasetyo@gmail.com | 081234567890 |  | Eko Prasetyo | eko.prasetyo@yahoo.com | 081234567890 |  | Eko Prasetyo | eko.prasetyo@outlook.com | 081234567890 |  | Eko Prasetyo | eko.prasetyo@gmail.com | 081112233445 |  | Eko Prasetyo | eko.prasetyo@yahoo.com | 081112233445 |  | Eko Prasetyo | eko.prasetyo@outlook.com | 081112233445 |  | Hendra Kusuma | hendra.kusuma@gmail.com | 081234567890 |  | Hendra Kusuma | hendra.kusuma@yahoo.com | 081234567890 |  | Indra Setiawan | indra.setiawan@gmail.com | 081112233445 |  | Ade Wijaya | ade.wijaya@gmail.com | 081234567890 |  | Bayu Nugroho | bayu.nugroho@gmail.com | 081112233445 |  | Bayu Nugroho | bayu.nugroho@yahoo.com | 081112233445 |  | Bayu Nugroho | bayu.nugroho@outlook.com | 081112233445 |  | Dicky Saputra | dicky.saputra@gmail.com | 081234567890 |  | Dicky Saputra | dicky.saputra@gmail.com | 081112233445 |  | Fandi Surya | fandi.surya@gmail.com | 081234567890 |  | Fandi Surya | fandi.surya@gmail.com | 081112233445 |  | Galih Purnama | galih.purnama@gmail.com | 081234567890 |  | Galih Purnama | galih.purnama@gmail.com | 081112233445 |  +----------------+--------------------------+--------------+  31 rows in set (0.000 sec) |

Melihat lama penghuni menyewa (hari)

|  |
| --- |
| SELECT  CONCAT(P.namaDepan, ' ', P.namaBelakang) as 'Nama Lengkap',  DATEDIFF(M.tglAkhirSewa, M.tglMulaiSewa) as 'Lama Sewa (hari)'  FROM  penghuni P  INNER JOIN  menyewa M ON P.idPenghuni = M.idPenghuni; |

Output

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT  -> CONCAT(P.namaDepan, ' ', P.namaBelakang) as 'Nama Lengkap',  -> DATEDIFF(M.tglAkhirSewa, M.tglMulaiSewa) as 'Lama Sewa (hari)'  -> FROM  -> penghuni P  -> INNER JOIN  -> menyewa M ON P.idPenghuni = M.idPenghuni;  +----------------+------------------+  | Nama Lengkap | Lama Sewa (hari) |  +----------------+------------------+  | Budi Santoso | 365 |  | Ahmad Wibowo | 365 |  | Rudi Susilo | 365 |  | Dwi Sulistyo | 365 |  | Eko Prasetyo | 365 |  | Hendra Kusuma | 365 |  | Indra Setiawan | 365 |  | Ade Wijaya | 365 |  | Bayu Nugroho | 365 |  | Dicky Saputra | 365 |  | Fandi Surya | 365 |  | Galih Purnama | 365 |  +----------------+------------------+  12 rows in set (0.004 sec) |

Melihat lama penghuni menyewa (bulan)

|  |
| --- |
| SELECT  CONCAT(P.namaDepan, ' ', P.namaBelakang) as 'Nama Lengkap',  ROUND(DATEDIFF(M.tglAkhirSewa, M.tglMulaiSewa) / 30) as 'Lama Sewa (bulan)'  FROM  penghuni P  INNER JOIN  menyewa M ON P.idPenghuni = M.idPenghuni; |

Output

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT  -> CONCAT(P.namaDepan, ' ', P.namaBelakang) as 'Nama Lengkap',  -> ROUND(DATEDIFF(M.tglAkhirSewa, M.tglMulaiSewa) / 30) as 'Lama Sewa (bulan)'  -> FROM  -> penghuni P  -> INNER JOIN  -> menyewa M ON P.idPenghuni = M.idPenghuni;  +----------------+-------------------+  | Nama Lengkap | Lama Sewa (bulan) |  +----------------+-------------------+  | Budi Santoso | 12 |  | Ahmad Wibowo | 12 |  | Rudi Susilo | 12 |  | Dwi Sulistyo | 12 |  | Eko Prasetyo | 12 |  | Hendra Kusuma | 12 |  | Indra Setiawan | 12 |  | Ade Wijaya | 12 |  | Bayu Nugroho | 12 |  | Dicky Saputra | 12 |  | Fandi Surya | 12 |  | Galih Purnama | 12 |  +----------------+-------------------+  12 rows in set (0.003 sec) |

Melihat jumlah masing-masing transaksi berdasarkan metode pembayaran

|  |
| --- |
| SELECT  metodePembayaran,  COUNT(\*) as 'Jumlah Transaksi'  FROM  membayar  GROUP BY  metodePembayaran; |

Output

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT  -> metodePembayaran,  -> COUNT(\*) as 'Jumlah Transaksi'  -> FROM  -> membayar  -> GROUP BY  -> metodePembayaran;  +------------------+------------------+  | metodePembayaran | Jumlah Transaksi |  +------------------+------------------+  | tunai | 56 |  | non-tunai | 54 |  +------------------+------------------+  2 rows in set (0.001 sec) |

Perintah untuk mengetahui penghuni yang memiliki total biaya transaksi terbesar untuk setiap jenis transaksi.

|  |
| --- |
| SELECT  jenisTransaksi,  (SELECT CONCAT(namaDepan, ' ', namaBelakang)  FROM penghuni  WHERE idPenghuni = T.idPenghuni) as 'Nama Penghuni',  MAX(jumlahBiaya) as 'Total Biaya'  FROM  transaksi T  GROUP BY  jenisTransaksi; |

Output

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT  -> jenisTransaksi,  -> (SELECT CONCAT(namaDepan, ' ', namaBelakang)  -> FROM penghuni  -> WHERE idPenghuni = T.idPenghuni) as 'Nama Penghuni',  -> MAX(jumlahBiaya) as 'Total Biaya'  -> FROM  -> transaksi T  -> GROUP BY  -> jenisTransaksi;  +----------------+---------------+-------------+  | jenisTransaksi | Nama Penghuni | Total Biaya |  +----------------+---------------+-------------+  | sewa kamar | Budi Santoso | 1200000.00 |  | air | Budi Santoso | 180000.00 |  | listrik | Budi Santoso | 250000.00 |  | denda | Budi Santoso | 60000.00 |  +----------------+---------------+-------------+ |

Untuk menampilkan nama lengkap, tipe kamar, dan total akumulasi biaya keseluruhannya untuk setiap penghuni

|  |
| --- |
| SELECT  CONCAT(p.namaDepan, ' ', p.namaBelakang) AS Nama\_Lengkap,  tK.tipeKamar,  SUM(t.jumlahBiaya) as Total\_Biaya  FROM  penghuni p  JOIN  kamar k ON p.idPenghuni = k.idPenghuni  JOIN  tipeKamar tK ON k.idTipeKamar = tK.idTipeKamar  JOIN  transaksi t ON p.idPenghuni = t.idPenghuni  GROUP BY  p.idPenghuni, tK.tipeKamar  ORDER BY  Total\_Biaya DESC; |

Output

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT  -> CONCAT(p.namaDepan, ' ', p.namaBelakang) AS Nama\_Lengkap,  -> tK.tipeKamar,  -> SUM(t.jumlahBiaya) as Total\_Biaya  -> FROM  -> penghuni p  -> JOIN  -> kamar k ON p.idPenghuni = k.idPenghuni  -> JOIN  -> tipeKamar tK ON k.idTipeKamar = tK.idTipeKamar  -> JOIN  -> transaksi t ON p.idPenghuni = t.idPenghuni  -> GROUP BY  -> p.idPenghuni, tK.tipeKamar  -> ORDER BY  -> Total\_Biaya DESC;  +----------------+--------------------+-------------+  | Nama\_Lengkap | tipeKamar | Total\_Biaya |  +----------------+--------------------+-------------+  | Ahmad Wibowo | Tanpa Kamar Mandi | 4890000.00 |  | Dicky Saputra | Tanpa Kamar Mandi | 4890000.00 |  | Hendra Kusuma | Tanpa Kamar Mandi | 4830000.00 |  | Dwi Sulistyo | Tanpa Kamar Mandi | 4800000.00 |  | Galih Purnama | Dengan Kamar Mandi | 4740000.00 |  | Ade Wijaya | Tanpa Kamar Mandi | 4680000.00 |  | Budi Santoso | Tanpa Kamar Mandi | 3500000.00 |  | Bayu Nugroho | Dengan Kamar Mandi | 3420000.00 |  | Eko Prasetyo | Dengan Kamar Mandi | 3390000.00 |  | Fandi Surya | Dengan Kamar Mandi | 3330000.00 |  | Rudi Susilo | Tanpa Kamar Mandi | 3330000.00 |  | Indra Setiawan | Tanpa Kamar Mandi | 3270000.00 |  +----------------+--------------------+-------------+  12 rows in set (0.001 sec) |

|  |
| --- |
| SELECT  CONCAT(p.namaDepan, ' ', p.namaBelakang) AS 'Nama Lengkap',  tK.tipeKamar,  SUM(t.jumlahBiaya) as 'Total Biaya'  FROM  penghuni p  JOIN  kamar k ON p.idPenghuni = k.idPenghuni  JOIN  tipeKamar tK ON k.idTipeKamar = tK.idTipeKamar  JOIN  transaksi t ON p.idPenghuni = t.idPenghuni  GROUP BY  p.idPenghuni, tK.tipeKamar; |

Output

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT  -> CONCAT(p.namaDepan, ' ', p.namaBelakang) AS Nama\_Lengkap,  -> tK.tipeKamar,  -> SUM(t.jumlahBiaya) as Total\_Biaya  -> FROM  -> penghuni p  -> JOIN  -> kamar k ON p.idPenghuni = k.idPenghuni  -> JOIN  -> tipeKamar tK ON k.idTipeKamar = tK.idTipeKamar  -> JOIN  -> transaksi t ON p.idPenghuni = t.idPenghuni  -> GROUP BY  -> p.idPenghuni, tK.tipeKamar  -> ORDER BY  -> Total\_Biaya DESC;  +----------------+--------------------+-------------+  | Nama\_Lengkap | tipeKamar | Total\_Biaya |  +----------------+--------------------+-------------+  | Dicky Saputra | Tanpa Kamar Mandi | 4890000.00 |  | Ahmad Wibowo | Tanpa Kamar Mandi | 4890000.00 |  | Hendra Kusuma | Tanpa Kamar Mandi | 4830000.00 |  | Dwi Sulistyo | Tanpa Kamar Mandi | 4800000.00 |  | Galih Purnama | Dengan Kamar Mandi | 4740000.00 |  | Ade Wijaya | Tanpa Kamar Mandi | 4680000.00 |  | Budi Santoso | Tanpa Kamar Mandi | 3500000.00 |  | Bayu Nugroho | Dengan Kamar Mandi | 3420000.00 |  | Eko Prasetyo | Dengan Kamar Mandi | 3390000.00 |  | Fandi Surya | Dengan Kamar Mandi | 3330000.00 |  | Rudi Susilo | Tanpa Kamar Mandi | 3330000.00 |  | Indra Setiawan | Tanpa Kamar Mandi | 3270000.00 |  +----------------+--------------------+-------------+  12 rows in set (0.001 sec) |

ganti nama tipeKamarnya menjadi Tanpa Kamar Mandi menjadi Standard, dan Dengan Kamar Mandi menjadi Deluxe

|  |
| --- |
| UPDATE tipeKamar  SET tipeKamar = CASE  WHEN tipeKamar = 'Tanpa Kamar Mandi' THEN 'Standard'  WHEN tipeKamar = 'Dengan Kamar Mandi' THEN 'Deluxe'  ELSE tipeKamar  END; |

Sebelum diganti

|  |
| --- |
| MariaDB [kostpoetrasultan]> select \* from tipeKamar;  +-------------+--------------------+------------+-----------+  | idTipeKamar | tipeKamar | hargaKamar | luasKamar |  +-------------+--------------------+------------+-----------+  | 1 | Tanpa Kamar Mandi | 800000.00 | 12.50 |  | 2 | Dengan Kamar Mandi | 1200000.00 | 15.00 |  +-------------+--------------------+------------+-----------+  2 rows in set (0.001 sec) |

Setelah diganti

|  |
| --- |
| MariaDB [kostpoetrasultan]> UPDATE tipeKamar  -> SET tipeKamar = CASE  -> WHEN tipeKamar = 'Tanpa Kamar Mandi' THEN 'Standard'  -> WHEN tipeKamar = 'Dengan Kamar Mandi' THEN 'Deluxe'  -> ELSE tipeKamar  -> END;  Query OK, 2 rows affected (0.006 sec)  Rows matched: 2 Changed: 2 Warnings: 0  MariaDB [kostpoetrasultan]> select \* from tipeKamar;  +-------------+-----------+------------+-----------+  | idTipeKamar | tipeKamar | hargaKamar | luasKamar |  +-------------+-----------+------------+-----------+  | 1 | Standard | 800000.00 | 12.50 |  | 2 | Deluxe | 1200000.00 | 15.00 |  +-------------+-----------+------------+-----------+  2 rows in set (0.001 sec) |

Untuk menampilkan akumulasi pembayaran tiap bulan, mengelompokkan data berdasarkan bulan dan tahun dari tglTransaksi

|  |
| --- |
| SELECT  DATE\_FORMAT(m.tglTransaksi, '%Y-%M') AS Bulan,  SUM(t.jumlahBiaya) as Total\_Biaya  FROM  membayar m  JOIN  transaksi t ON m.idTransaksi = t.idTransaksi  GROUP BY  YEAR(m.tglTransaksi), MONTH(m.tglTransaksi)  ORDER BY  Bulan ASC; |

Output

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT  -> DATE\_FORMAT(m.tglTransaksi, '%Y-%M') AS Bulan,  -> SUM(t.jumlahBiaya) as Total\_Biaya  -> FROM  -> membayar m  -> JOIN  -> transaksi t ON m.idTransaksi = t.idTransaksi  -> GROUP BY  -> YEAR(m.tglTransaksi), MONTH(m.tglTransaksi)  -> ORDER BY  -> m.tglTransaksi ASC;  +---------------+-------------+  | Bulan | Total\_Biaya |  +---------------+-------------+  | 2023-January | 16320000.00 |  | 2023-February | 16320000.00 |  | 2023-March | 16430000.00 |  +---------------+-------------+  3 rows in set (0.001 sec) |

Untuk mengambil data dari beberapa tabel yang terhubung dan menghasilkan informasi tentang transaksi yang dilakukan oleh penghuni

|  |
| --- |
| SELECT  CONCAT(p.namaDepan, ' ', p.namaBelakang) AS Nama\_Lengkap,  tk.tipeKamar,  t.jenisTransaksi,  DATE\_FORMAT(m.tglTransaksi, '%Y-%M-%D') AS Bulan  FROM  membayar m  JOIN  penghuni p ON m.idPenghuni = p.idPenghuni  JOIN  kamar k ON m.noKamar = k.noKamar  JOIN  tipeKamar tk ON k.idTipeKamar = tk.idTipeKamar  JOIN  transaksi t ON m.idTransaksi = t.idTransaksi  WHERE  DAY(m.tglTransaksi) <= 10  ORDER BY  m.tglTransaksi ASC; |

Output

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT  -> CONCAT(p.namaDepan, ' ', p.namaBelakang) AS Nama\_Lengkap,  -> tk.tipeKamar,  -> t.jenisTransaksi,  -> DATE\_FORMAT(m.tglTransaksi, '%Y-%M-%D') AS Bulan  -> FROM  -> membayar m  -> JOIN  -> penghuni p ON m.idPenghuni = p.idPenghuni  -> JOIN  -> kamar k ON m.noKamar = k.noKamar  -> JOIN  -> tipeKamar tk ON k.idTipeKamar = tk.idTipeKamar  -> JOIN  -> transaksi t ON m.idTransaksi = t.idTransaksi  -> WHERE  -> DAY(m.tglTransaksi) <= 10  -> ORDER BY  -> m.tglTransaksi ASC;  +----------------+--------------------+----------------+--------------------+  | Nama\_Lengkap | tipeKamar | jenisTransaksi | Bulan |  +----------------+--------------------+----------------+--------------------+  | Dicky Saputra | Tanpa Kamar Mandi | sewa kamar | 2023-January-1st |  | Fandi Surya | Dengan Kamar Mandi | sewa kamar | 2023-January-1st |  | Ahmad Wibowo | Tanpa Kamar Mandi | sewa kamar | 2023-January-1st |  | Ade Wijaya | Tanpa Kamar Mandi | sewa kamar | 2023-January-1st |  | Rudi Susilo | Tanpa Kamar Mandi | sewa kamar | 2023-January-1st |  | Eko Prasetyo | Dengan Kamar Mandi | sewa kamar | 2023-January-1st |  | Dwi Sulistyo | Tanpa Kamar Mandi | sewa kamar | 2023-January-1st |  | Budi Santoso | Tanpa Kamar Mandi | sewa kamar | 2023-January-1st |  | Bayu Nugroho | Dengan Kamar Mandi | sewa kamar | 2023-January-1st |  | Hendra Kusuma | Tanpa Kamar Mandi | sewa kamar | 2023-January-1st |  | Galih Purnama | Dengan Kamar Mandi | sewa kamar | 2023-January-1st |  | Indra Setiawan | Tanpa Kamar Mandi | sewa kamar | 2023-January-1st |  | Budi Santoso | Tanpa Kamar Mandi | listrik | 2023-January-5th |  | Rudi Susilo | Tanpa Kamar Mandi | listrik | 2023-January-6th |  | Ahmad Wibowo | Tanpa Kamar Mandi | listrik | 2023-January-7th |  | Dwi Sulistyo | Tanpa Kamar Mandi | listrik | 2023-January-8th |  | Eko Prasetyo | Dengan Kamar Mandi | listrik | 2023-January-9th |  | Hendra Kusuma | Tanpa Kamar Mandi | listrik | 2023-January-10th |  | Budi Santoso | Tanpa Kamar Mandi | air | 2023-January-10th |  | Eko Prasetyo | Dengan Kamar Mandi | sewa kamar | 2023-February-1st |  | Galih Purnama | Dengan Kamar Mandi | sewa kamar | 2023-February-1st |  | Dwi Sulistyo | Tanpa Kamar Mandi | sewa kamar | 2023-February-1st |  | Indra Setiawan | Tanpa Kamar Mandi | sewa kamar | 2023-February-1st |  | Hendra Kusuma | Tanpa Kamar Mandi | sewa kamar | 2023-February-1st |  | Dicky Saputra | Tanpa Kamar Mandi | sewa kamar | 2023-February-1st |  | Budi Santoso | Tanpa Kamar Mandi | sewa kamar | 2023-February-1st |  | Fandi Surya | Dengan Kamar Mandi | sewa kamar | 2023-February-1st |  | Ade Wijaya | Tanpa Kamar Mandi | sewa kamar | 2023-February-1st |  | Ahmad Wibowo | Tanpa Kamar Mandi | sewa kamar | 2023-February-1st |  | Bayu Nugroho | Dengan Kamar Mandi | sewa kamar | 2023-February-1st |  | Rudi Susilo | Tanpa Kamar Mandi | sewa kamar | 2023-February-1st |  | Budi Santoso | Tanpa Kamar Mandi | listrik | 2023-February-5th |  | Rudi Susilo | Tanpa Kamar Mandi | listrik | 2023-February-6th |  | Ahmad Wibowo | Tanpa Kamar Mandi | listrik | 2023-February-7th |  | Dwi Sulistyo | Tanpa Kamar Mandi | listrik | 2023-February-8th |  | Eko Prasetyo | Dengan Kamar Mandi | listrik | 2023-February-9th |  | Hendra Kusuma | Tanpa Kamar Mandi | listrik | 2023-February-10th |  | Budi Santoso | Tanpa Kamar Mandi | air | 2023-February-10th |  | Bayu Nugroho | Dengan Kamar Mandi | sewa kamar | 2023-March-1st |  | Ahmad Wibowo | Tanpa Kamar Mandi | sewa kamar | 2023-March-1st |  | Galih Purnama | Dengan Kamar Mandi | sewa kamar | 2023-March-1st |  | Indra Setiawan | Tanpa Kamar Mandi | sewa kamar | 2023-March-1st |  | Rudi Susilo | Tanpa Kamar Mandi | sewa kamar | 2023-March-1st |  | Eko Prasetyo | Dengan Kamar Mandi | sewa kamar | 2023-March-1st |  | Dicky Saputra | Tanpa Kamar Mandi | sewa kamar | 2023-March-1st |  | Dwi Sulistyo | Tanpa Kamar Mandi | sewa kamar | 2023-March-1st |  | Hendra Kusuma | Tanpa Kamar Mandi | sewa kamar | 2023-March-1st |  | Fandi Surya | Dengan Kamar Mandi | sewa kamar | 2023-March-1st |  | Ade Wijaya | Tanpa Kamar Mandi | sewa kamar | 2023-March-1st |  | Budi Santoso | Tanpa Kamar Mandi | sewa kamar | 2023-March-1st |  | Budi Santoso | Tanpa Kamar Mandi | listrik | 2023-March-5th |  | Rudi Susilo | Tanpa Kamar Mandi | listrik | 2023-March-6th |  | Ahmad Wibowo | Tanpa Kamar Mandi | listrik | 2023-March-7th |  | Dwi Sulistyo | Tanpa Kamar Mandi | listrik | 2023-March-8th |  | Eko Prasetyo | Dengan Kamar Mandi | listrik | 2023-March-9th |  | Budi Santoso | Tanpa Kamar Mandi | air | 2023-March-10th |  | Hendra Kusuma | Tanpa Kamar Mandi | listrik | 2023-March-10th |  +----------------+--------------------+----------------+--------------------+  57 rows in set (0.001 sec) |

Perintah SQL dibawah ini mengambil data nama lengkap, umur, nomor kamar, tipe kamar, dan lama menyewa dari tabel 'penghuni', 'kamar', 'tipeKamar', dan 'menyewa'. Selanjutnya, menghitung umur dan lama menyewa menggunakan fungsi TIMESTAMPDIFF. Fungsi WHERE digunakan untuk memfilter data penghuni yang umurnya di atas rata-rata umur semua penghuni. Terakhir, data diurutkan berdasarkan umur dari yang tertua.

|  |
| --- |
| SELECT  CONCAT(p.namaDepan, ' ', p.namaBelakang) AS Nama\_Lengkap,  TIMESTAMPDIFF(YEAR, p.tanggalLahir, '2023-01-01') AS Umur,  k.noKamar,  tk.tipeKamar,  TIMESTAMPDIFF(MONTH, m.tglMulaiSewa, m.tglAkhirSewa) AS Lama\_Menyewa  FROM  penghuni p  JOIN  kamar k ON p.idPenghuni = k.idPenghuni  JOIN  tipeKamar tk ON k.idTipeKamar = tk.idTipeKamar  JOIN  menyewa m ON p.idPenghuni = m.idPenghuni  WHERE  TIMESTAMPDIFF(YEAR, p.tanggalLahir, '2023-01-01') >  (SELECT AVG(TIMESTAMPDIFF(YEAR, tanggalLahir, '2023-01-01')) FROM penghuni)  ORDER BY  Umur DESC; |

Output

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT  -> CONCAT(p.namaDepan, ' ', p.namaBelakang) AS Nama\_Lengkap,  -> TIMESTAMPDIFF(YEAR, p.tanggalLahir, '2023-01-01') AS Umur,  -> k.noKamar,  -> tk.tipeKamar,  -> TIMESTAMPDIFF(MONTH, m.tglMulaiSewa, m.tglAkhirSewa) AS Lama\_Menyewa  -> FROM  -> penghuni p  -> JOIN  -> kamar k ON p.idPenghuni = k.idPenghuni  -> JOIN  -> tipeKamar tk ON k.idTipeKamar = tk.idTipeKamar  -> JOIN  -> menyewa m ON p.idPenghuni = m.idPenghuni  -> WHERE  -> TIMESTAMPDIFF(YEAR, p.tanggalLahir, '2023-01-01') >  -> (SELECT AVG(TIMESTAMPDIFF(YEAR, tanggalLahir, '2023-01-01')) FROM penghuni)  -> ORDER BY  -> Umur DESC;  +----------------+------+---------+--------------------+--------------+  | Nama\_Lengkap | Umur | noKamar | tipeKamar | Lama\_Menyewa |  +----------------+------+---------+--------------------+--------------+  | Dwi Sulistyo | 30 | 4 | Tanpa Kamar Mandi | 12 |  | Bayu Nugroho | 30 | 9 | Dengan Kamar Mandi | 12 |  | Ahmad Wibowo | 29 | 2 | Tanpa Kamar Mandi | 12 |  | Indra Setiawan | 29 | 7 | Tanpa Kamar Mandi | 12 |  | Galih Purnama | 29 | 12 | Dengan Kamar Mandi | 12 |  +----------------+------+---------+--------------------+--------------+  5 rows in set (0.001 sec) |

Perintah SQL di bawah ini mengambil data unik nama lengkap penghuni, nomor kamar, nomor dan jenis kamar, serta jenis transaksi dari tabel 'penghuni', 'kamar', 'tipeKamar', 'transaksi', dan 'membayar'. Fungsi WHERE digunakan untuk memfilter data transaksi yang jarak waktunya dari tanggal transaksi hingga saat ini lebih dari rata-rata jarak waktu semua transaksi.

|  |
| --- |
| SELECT DISTINCT  CONCAT(penghuni.namaDepan, ' ', penghuni.namaBelakang) AS 'Nama Lengkap',  kamar.noKamar,  CONCAT(kamar.noKamar, ' (', tipeKamar.tipeKamar, ')') AS 'No Kamar dan Jenis Kamar',  transaksi.jenisTransaksi  FROM  penghuni  JOIN kamar ON penghuni.idPenghuni = kamar.idPenghuni  JOIN tipeKamar ON kamar.idTipeKamar = tipeKamar.idTipeKamar  JOIN transaksi ON penghuni.idPenghuni = transaksi.idPenghuni  JOIN membayar ON penghuni.idPenghuni = membayar.idPenghuni  WHERE  DATEDIFF(CURDATE(), membayar.tglTransaksi) > (SELECT AVG(DATEDIFF(CURDATE(), tglTransaksi)) FROM membayar); |

Output:

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT DISTINCT  -> CONCAT(penghuni.namaDepan, ' ', penghuni.namaBelakang) AS 'Nama Lengkap',  -> kamar.noKamar,  -> CONCAT(kamar.noKamar, ' (', tipeKamar.tipeKamar, ')') AS 'No Kamar dan Jenis Kamar',  -> transaksi.jenisTransaksi  -> FROM  -> penghuni  -> JOIN kamar ON penghuni.idPenghuni = kamar.idPenghuni  -> JOIN tipeKamar ON kamar.idTipeKamar = tipeKamar.idTipeKamar  -> JOIN transaksi ON penghuni.idPenghuni = transaksi.idPenghuni  -> JOIN membayar ON penghuni.idPenghuni = membayar.idPenghuni  -> WHERE  -> DATEDIFF(CURDATE(), membayar.tglTransaksi) > (SELECT AVG(DATEDIFF(CURDATE(), tglTransaksi)) FROM membayar);  +----------------+---------+--------------------------+----------------+  | Nama Lengkap | noKamar | No Kamar dan Jenis Kamar | jenisTransaksi |  +----------------+---------+--------------------------+----------------+  | Budi Santoso | 1 | 1 (Tanpa Kamar Mandi) | sewa kamar |  | Budi Santoso | 1 | 1 (Tanpa Kamar Mandi) | listrik |  | Budi Santoso | 1 | 1 (Tanpa Kamar Mandi) | air |  | Budi Santoso | 1 | 1 (Tanpa Kamar Mandi) | denda |  | Ahmad Wibowo | 2 | 2 (Tanpa Kamar Mandi) | sewa kamar |  | Ahmad Wibowo | 2 | 2 (Tanpa Kamar Mandi) | listrik |  | Ahmad Wibowo | 2 | 2 (Tanpa Kamar Mandi) | air |  | Rudi Susilo | 3 | 3 (Tanpa Kamar Mandi) | sewa kamar |  | Rudi Susilo | 3 | 3 (Tanpa Kamar Mandi) | listrik |  | Rudi Susilo | 3 | 3 (Tanpa Kamar Mandi) | air |  | Dwi Sulistyo | 4 | 4 (Tanpa Kamar Mandi) | sewa kamar |  | Dwi Sulistyo | 4 | 4 (Tanpa Kamar Mandi) | listrik |  | Dwi Sulistyo | 4 | 4 (Tanpa Kamar Mandi) | air |  | Dwi Sulistyo | 4 | 4 (Tanpa Kamar Mandi) | denda |  | Hendra Kusuma | 6 | 6 (Tanpa Kamar Mandi) | sewa kamar |  | Hendra Kusuma | 6 | 6 (Tanpa Kamar Mandi) | listrik |  | Hendra Kusuma | 6 | 6 (Tanpa Kamar Mandi) | air |  | Indra Setiawan | 7 | 7 (Tanpa Kamar Mandi) | sewa kamar |  | Indra Setiawan | 7 | 7 (Tanpa Kamar Mandi) | listrik |  | Indra Setiawan | 7 | 7 (Tanpa Kamar Mandi) | air |  | Ade Wijaya | 8 | 8 (Tanpa Kamar Mandi) | sewa kamar |  | Ade Wijaya | 8 | 8 (Tanpa Kamar Mandi) | listrik |  | Ade Wijaya | 8 | 8 (Tanpa Kamar Mandi) | air |  | Dicky Saputra | 10 | 10 (Tanpa Kamar Mandi) | sewa kamar |  | Dicky Saputra | 10 | 10 (Tanpa Kamar Mandi) | listrik |  | Dicky Saputra | 10 | 10 (Tanpa Kamar Mandi) | air |  | Eko Prasetyo | 5 | 5 (Dengan Kamar Mandi) | sewa kamar |  | Eko Prasetyo | 5 | 5 (Dengan Kamar Mandi) | listrik |  | Eko Prasetyo | 5 | 5 (Dengan Kamar Mandi) | air |  | Bayu Nugroho | 9 | 9 (Dengan Kamar Mandi) | sewa kamar |  | Bayu Nugroho | 9 | 9 (Dengan Kamar Mandi) | listrik |  | Bayu Nugroho | 9 | 9 (Dengan Kamar Mandi) | air |  | Fandi Surya | 11 | 11 (Dengan Kamar Mandi) | sewa kamar |  | Fandi Surya | 11 | 11 (Dengan Kamar Mandi) | listrik |  | Fandi Surya | 11 | 11 (Dengan Kamar Mandi) | air |  | Galih Purnama | 12 | 12 (Dengan Kamar Mandi) | sewa kamar |  | Galih Purnama | 12 | 12 (Dengan Kamar Mandi) | listrik |  | Galih Purnama | 12 | 12 (Dengan Kamar Mandi) | air |  +----------------+---------+--------------------------+----------------+  38 rows in set (0.001 sec) |

Perintah Qqery di bawah ini menggabungkan dua query yang berbeda. Query pertama mengambil daftar penghuni yang menyewa kamar di tahun 2023 dan biaya sewa kamar mereka lebih tinggi dari rata-rata biaya sewa kamar. Query kedua mengambil daftar penghuni yang memiliki email Gmail dan biaya sewa kamar mereka lebih tinggi dari rata-rata biaya sewa kamar. Kedua query ini digabungkan menggunakan UNION.

|  |
| --- |
| SELECT CONCAT(p.namaDepan, ' ', p.namaBelakang) AS namaLengkap, k.noKamar, tk.tipeKamar, t.jenisTransaksi, t.jumlahBiaya  FROM penghuni p  JOIN kamar k ON p.idPenghuni = k.idPenghuni  JOIN tipeKamar tk ON k.idTipeKamar = tk.idTipeKamar  JOIN transaksi t ON p.idPenghuni = t.idPenghuni AND k.noKamar = t.noKamar AND tk.idTipeKamar = t.idTipeKamar  WHERE p.idPenghuni IN (  SELECT idPenghuni  FROM menyewa  WHERE tglMulaiSewa > '2023-01-01'  AND tglAkhirSewa < '2023-12-31'  )  AND t.jumlahBiaya > (  SELECT AVG(jumlahBiaya)  FROM transaksi  WHERE jenisTransaksi = 'sewa kamar'  )  UNION  SELECT CONCAT(p.namaDepan, ' ', p.namaBelakang) AS namaLengkap, k.noKamar, tk.tipeKamar, m.metodePembayaran, t.jumlahBiaya  FROM penghuni p  JOIN kamar k ON p.idPenghuni = k.idPenghuni  JOIN tipeKamar tk ON k.idTipeKamar = tk.idTipeKamar  JOIN transaksi t ON p.idPenghuni = t.idPenghuni AND k.noKamar = t.noKamar AND tk.idTipeKamar = t.idTipeKamar  JOIN membayar m ON t.idTransaksi = m.idTransaksi  WHERE p.idPenghuni IN (  SELECT idPenghuni  FROM penghuni\_email  WHERE email LIKE '%@gmail.com%'  )  AND t.jumlahBiaya > (  SELECT AVG(jumlahBiaya)  FROM transaksi  WHERE jenisTransaksi = 'sewa kamar'  ); |

Output:

|  |
| --- |
| MariaDB [kostpoetrasultan]> SELECT p.namaDepan, p.namaBelakang, k.noKamar, tk.tipeKamar, t.jenisTransaksi, t.jumlahBiaya  -> FROM penghuni p  -> JOIN kamar k ON p.idPenghuni = k.idPenghuni  -> JOIN tipeKamar tk ON k.idTipeKamar = tk.idTipeKamar  -> JOIN transaksi t ON p.idPenghuni = t.idPenghuni AND k.noKamar = t.noKamar AND tk.idTipeKamar = t.idTipeKamar  -> WHERE p.idPenghuni IN (  -> SELECT idPenghuni  -> FROM menyewa  -> WHERE tglMulaiSewa > '2023-01-01'  -> AND tglAkhirSewa < '2023-12-31'  -> )  -> AND t.jumlahBiaya > (  -> SELECT AVG(jumlahBiaya)  -> FROM transaksi  -> WHERE jenisTransaksi = 'sewa kamar'  -> )  -> UNION  -> SELECT p.namaDepan, p.namaBelakang, k.noKamar, tk.tipeKamar, m.metodePembayaran, t.jumlahBiaya  -> FROM penghuni p  -> JOIN kamar k ON p.idPenghuni = k.idPenghuni  -> JOIN tipeKamar tk ON k.idTipeKamar = tk.idTipeKamar  -> JOIN transaksi t ON p.idPenghuni = t.idPenghuni AND k.noKamar = t.noKamar AND tk.idTipeKamar = t.idTipeKamar  -> JOIN membayar m ON t.idTransaksi = m.idTransaksi  -> WHERE p.idPenghuni IN (  -> SELECT idPenghuni  -> FROM penghuni\_email  -> WHERE email LIKE '%@gmail.com%'  -> )  -> AND t.jumlahBiaya > (  -> SELECT AVG(jumlahBiaya)  -> FROM transaksi  -> WHERE jenisTransaksi = 'sewa kamar'  -> );  +-----------+--------------+---------+--------------------+----------------+-------------+  | namaDepan | namaBelakang | noKamar | tipeKamar | jenisTransaksi | jumlahBiaya |  +-----------+--------------+---------+--------------------+----------------+-------------+  | Ahmad | Wibowo | 2 | Tanpa Kamar Mandi | tunai | 1200000.00 |  | Dwi | Sulistyo | 4 | Tanpa Kamar Mandi | tunai | 1200000.00 |  | Hendra | Kusuma | 6 | Tanpa Kamar Mandi | non-tunai | 1200000.00 |  | Ade | Wijaya | 8 | Tanpa Kamar Mandi | non-tunai | 1200000.00 |  | Dicky | Saputra | 10 | Tanpa Kamar Mandi | tunai | 1200000.00 |  | Galih | Purnama | 12 | Dengan Kamar Mandi | tunai | 1200000.00 |  +-----------+--------------+---------+--------------------+----------------+-------------+  6 rows in set (0.043 sec) |

Perintah SQL ini melakukan penghapusan semua data dari tabel 'membayar', 'transaksi', 'kamar', 'tipeKamar', 'menyewa', 'penghuni\_email', 'penghuni\_noTelp', dan 'penghuni'. Kemudian, melakukan reset pada nilai increment otomatis (AUTO\_INCREMENT) pada masing-masing tabel tersebut menjadi 1. Ini berarti bahwa entri baru yang ditambahkan ke setiap tabel tersebut akan dimulai dengan ID 1.

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| DELETE FROM membayar;  DELETE FROM transaksi;  DELETE FROM kamar;  DELETE FROM tipeKamar;  DELETE FROM menyewa;  DELETE FROM penghuni\_email;  DELETE FROM penghuni\_noTelp;  DELETE FROM penghuni;  ALTER TABLE membayar AUTO\_INCREMENT = 1;  ALTER TABLE transaksi AUTO\_INCREMENT = 1;  ALTER TABLE kamar AUTO\_INCREMENT = 1;  ALTER TABLE tipeKamar AUTO\_INCREMENT = 1;  ALTER TABLE menyewa AUTO\_INCREMENT = 1;  ALTER TABLE penghuni\_email AUTO\_INCREMENT = 1;  ALTER TABLE penghuni\_noTelp AUTO\_INCREMENT = 1;  ALTER TABLE penghuni AUTO\_INCREMENT = 1; |

Output

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| MariaDB [kostpoetrasultan]> DELETE FROM membayar;  Query OK, 108 rows affected (0.005 sec)  MariaDB [kostpoetrasultan]> DELETE FROM transaksi;  Query OK, 108 rows affected (0.002 sec)  MariaDB [kostpoetrasultan]> DELETE FROM kamar;  Query OK, 12 rows affected (0.001 sec)  MariaDB [kostpoetrasultan]> DELETE FROM tipeKamar;  Query OK, 2 rows affected (0.001 sec)  MariaDB [kostpoetrasultan]> DELETE FROM menyewa;  Query OK, 12 rows affected (0.001 sec)  MariaDB [kostpoetrasultan]> DELETE FROM penghuni\_email;  Query OK, 23 rows affected (0.003 sec)  MariaDB [kostpoetrasultan]> DELETE FROM penghuni\_noTelp;  Query OK, 17 rows affected (0.002 sec)  MariaDB [kostpoetrasultan]> DELETE FROM penghuni;  Query OK, 12 rows affected (0.002 sec)  MariaDB [kostpoetrasultan]> ALTER TABLE membayar AUTO\_INCREMENT = 1;  Query OK, 0 rows affected (0.002 sec)  Records: 0 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]> ALTER TABLE transaksi AUTO\_INCREMENT = 1;  Query OK, 0 rows affected (0.002 sec)  Records: 0 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]> ALTER TABLE kamar AUTO\_INCREMENT = 1;  Query OK, 0 rows affected (0.004 sec)  Records: 0 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]> ALTER TABLE tipeKamar AUTO\_INCREMENT = 1;  Query OK, 0 rows affected (0.003 sec)  Records: 0 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]> ALTER TABLE menyewa AUTO\_INCREMENT = 1;  Query OK, 0 rows affected (0.002 sec)  Records: 0 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]> ALTER TABLE penghuni\_email AUTO\_INCREMENT = 1;  Query OK, 0 rows affected (0.002 sec)  Records: 0 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]> ALTER TABLE penghuni\_noTelp AUTO\_INCREMENT = 1;  Query OK, 0 rows affected (0.002 sec)  Records: 0 Duplicates: 0 Warnings: 0  MariaDB [kostpoetrasultan]> ALTER TABLE penghuni AUTO\_INCREMENT = 1;  Query OK, 0 rows affected (0.002 sec)  Records: 0 Duplicates: 0 Warnings: 0 |

Saat kita lihat ternyata sudah kosong

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| -- Menampilkan data dari tabel Penghuni  SELECT \* FROM penghuni;  -- Menampilkan data dari tabel Penghuni Email  SELECT \* FROM penghuni\_email;  -- Menampilkan data dari tabel Penghuni NoTelp  SELECT \* FROM penghuni\_noTelp;  -- Menampilkan data dari tabel Menyewa  SELECT \* FROM menyewa;  -- Menampilkan data dari tabel Tipe Kamar  SELECT \* FROM tipeKamar;  -- Menampilkan data dari tabel Kamar  SELECT \* FROM kamar;  -- Menampilkan data dari tabel Transaksi  SELECT \* FROM transaksi;  -- Menampilkan data dari tabel Membayar  SELECT \* FROM membayar; |

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| MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Penghuni  MariaDB [kostpoetrasultan]> SELECT \* FROM penghuni;  Empty set (0.000 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Penghuni Email  MariaDB [kostpoetrasultan]> SELECT \* FROM penghuni\_email;  Empty set (0.000 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Penghuni NoTelp  MariaDB [kostpoetrasultan]> SELECT \* FROM penghuni\_noTelp;  Empty set (0.000 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Menyewa  MariaDB [kostpoetrasultan]> SELECT \* FROM menyewa;  Empty set (0.000 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Tipe Kamar  MariaDB [kostpoetrasultan]> SELECT \* FROM tipeKamar;  Empty set (0.000 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Kamar  MariaDB [kostpoetrasultan]> SELECT \* FROM kamar;  Empty set (0.000 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Transaksi  MariaDB [kostpoetrasultan]> SELECT \* FROM transaksi;  Empty set (0.000 sec)  MariaDB [kostpoetrasultan]>  MariaDB [kostpoetrasultan]> -- Menampilkan data dari tabel Membayar  MariaDB [kostpoetrasultan]> SELECT \* FROM membayar;  Empty set (0.000 sec) |